
Class No. 630.....

[illegible]

THE
INDIAN ANTIQUARY

A JOURNAL OF ORIENTAL RESEARCH

IN

ARCHÆOLOGY, EPIGRAPHY, ETHNOLOGY, GEOGRAPHY, HISTORY, FOLKLORE, LANGUAGES,
LITERATURE, NUMISMATICS, PHILOSOPHY, RELIGION, &c., &c.

EDITED BY

SIR RICHARD CARNAC TEMPLE, BART., C.I.E.:

HON. FELLOW, TRIN. HALL, CAMBRIDGE.

FORMERLY LIEUT.-COLONEL, INDIAN ARMY,

AND

DEVADATTA RAMKRISHNA BHANDARKAR, M.A.

VOL. XL. — 1911.

BOMBAY:

PRINTED AND PUBLISHED AT THE BRITISH INDIA PRESS, MAZAGAON, BOMBAY.

LONDON: QUARITCH & SONS.

BOMBAY: BRITISH INDIA PRESS.

NEW YORK: WESTERMANN & Co.

CHICAGO: S. D. PEET, Esq., Ph.D.

LEIPZIG: OTTO HARRASSOWITZ.

PARIS: E. LEROUX.

BERLIN: A. ASHER & Co.

VIENNA: A. HOLDER & Co.

CONTENTS

The Names of Contributors are arranged alphabetically.

	PAGE		PAGE
L. D. BARNETT, Litt.D. :— Some Notes on the Bodleian Sanskrit Manuscript Catalogue, Volume II	310	G. A. GRIERSON C.I.E., Ph.D., D. Litt., I.C.S. (Retd.) :— Correspondence on "Foreign Elements in the Hindu Population"	149
D. R. BHANDARKAR, M.A. :— A. M. T. JACKSON	2	B. A. GUPTA, F.Z.S., RAJ BAHADUR :— THE MEDS OF MAKRAK	147
FOREIGN ELEMENTS IN THE HINDU POPULATION. 7		Y. R. GUPTA, B.A. :— A SHORT NOTE ON THE COINS OF THE ANDHRA DYNASTY FOUND AT BHATHALAPALLI, ANANT- PUR DISTRICT... ..	173
JAINA ICONOGRAPHY	125, 153	C. HAYAVADANA RAO, B.A., B.L., F.R.A.I. (Lond.) :— EARLY SOUTH INDIAN FINANCE	265, 281
SOME UNPUBLISHED INSCRIPTIONS	174	A. F. RUDOLPH HOERNLE, C.I.E., Ph.D. :— Correspondence on "Kumāragupta the Patron on Vasubandhu"	264
BITHU INSCRIPTION OF SIHA RATHOD	181	PROF. E. HULTZSCH :— CRITICAL NOTES ON KALHANA'S SEVENTH TA- RANGA	97
EPIGRAPHIC NOTES AND QUESTIONS	237	WILLIAM IRVINE, I.C.S. (Retd.) :— THE EMPEROR AUBANGZEB ALAMGIR 1618-1707. 69	
THE DATES FOR THE EARLY PRINCES OF THE PRESENT JODHPUR FAMILY	301	P. V. KANE, M.A., LL.B. :— THE CHHANDOVICHI	177
R. G. BHANDARKAR, M.A., C.I.E., LL.D., &c. :— A. M. T. JACKSON	1	The joint authorship of the Kāvya-prakāśa	203
BHATTANATHA SVAMIN :— TRIVIKRAMA AND HIS FOLLOWERS	219	Kālidāsa and Kāmandaki	236
WILLIAM CROOKE, I.C.S. (Retd.) :— SONGS ABOUT THE KING OF OUDH	61	G. B. KAYE :— OLD INDIAN NUMERICAL SYMBOLS	49
SONGS FROM NORTHERN INDIA RELATING TO THE ENGLISH	89	THE ASOKA NUMERALS	55
SONGS FROM NORTHERN INDIA	115	R. NARASIMHACHAR, M.A. :— THE CHALUKYA GENEALOGY ACCORDING TO THE KANNADA POET RANNA	41
SONGS OF THE MUTINY	123, 165	On Correspondence by A. F. Rudolf Hoernle	312
M. N. CHITTANAH :— A Version of the Legend of the Clever Builder	152	S. P. L. NARASIMHA SVAMI :— THE KALYUGA, YUDHISTHIRA AND BHARATA- YUDDHA ERAS	132
R. E. ENTHOVEN, C.I.E., I.C.S. :— SUPPLEMENT: The Folklore of Gujarat (with Introduction)	1, 13, 25	G. K. NARIMAN :— BUDDHIST PARALLELS TO PARSİ HUMATA- HUKHTA-HUVABSHTA	301
Rajputs and Mahrattas	280	PANNA LALL, M.A., B.Sc., LL.B., I.C.S. :— AN ENQUIRY INTO THE BIRTH AND MARRIAGE CUSTOMS OF THE KHASIYAS AND THE BHO- TIYAS OF ALMORA DISTRICT, U.P.	190
A. M. FERGUSON, M.R.A.S. :— DONALD WILLIAM FERGUSON	103	F. E. PARGITER, M.A., I.C.S. (Retd.) :— The Sāhityadarpana, Parichchhedas	63
J. F. FLEET, C.I.E., Ph.D., I.C.S. (Retd.) :— The Ariyur Plates of Virupaksha : Saka-Samvat 1312	149		
W. FOSTER :— GABRIEL BOUGHTON AND THE GRANT OF TRAD- ING PRIVILEGES TO THE ENGLISH IN BENGAŁ. 247			
GOVERNOR RICHARD BOURCHIER	272		
GANAPATI RAI :— Is Tobacco indigenous to India?	37		
T. A. GOPINATHA RAO, M.A. :— A NOTE ON THE WORD BALGALCHCHU	89		
FIVE BANA INSCRIPTIONS AT GUDIMALLAM	104		
A. GOVINDACHARYA SVAMIN, C.E., M.R.A.S., M.M.S. :— A LACUNA IN THE HARIVAMSA	58		
A Note on Yatraja-Vaibhavam	152		
A Note on "Foreign Elements in the Hindu Population"	179		
A Second Note on Vāsudeva	236		

	PAGE		PAGE
PROF. K. B. PATHAK, B.A. :—		VINCENT A. SMITH, I.C.S. (Retd.) :—	
MALISHENA-MAHAPURANA	46	THE 'OUTLIERS' OF RAJASTHANI	85
KUMARAGUPTA, THE PATRON OF VASUBANDHU. 170		DISCOVERY OF THE PLAYS OF BHASA, A PREDE- CESSOR OF KALIDASA	87
RAM KARNA, PANDIT :—		INDIAN PAINTING AT THE FESTIVAL OF EMPIRE, 1911... ..	297
NADOL PLATES OF THE MAHARAJAPUTRA KIR- TIPALA OF VIKRAMA-SAMVAT 1218	144	The Earliest Saka Date	67
H. A. ROSE, I.C.S. :—		The Form of Busts on Indo-Scythian Coins	179
CONTRIBUTIONS TO PANJABI LEXICOGRAPHY, SERIES III 199, 230, 258, 274, 289, 305		Sir William H. Sleeman	295
P. SESHACHAR :—		The Brahmanic Systems of Religion and Philo- sophy	295
NOTE ON THE DRAVIDIAN CASES	171	K. V. SUBBAIYA, M.A., L.T., M.R.A.S. :—	
S. SITARAMAIIYA :—		A COMPARATIVE GRAMMAR OF DRAVIDIAN LANGUAGES	184, 241
The Plant Kurinji (Stobilanthus) and the Wor- ship of Kattaikkavalār	68	K. V. SUBRAHMANYA AIYAR, B.A. :—	
		KOYILOLUGU	181
		ORIGIN AND DECLINE OF BUDDHISM AND JAI- NISM IN SOUTHERN INDIA	209
		THE DATE OF MADURAIKANCHI AND ITS HEBO. 224	
		J. PH. VOGEL, PH. D. :—	
		H. H. Juybol, Catalogus van I's Ryks Ethno- graphisch Museum Deel V, Javaansche Oud Heden, Leiden 1909	93

MISCELLANEA.

The Earliest Saka Date, by Vincent A. Smith	67	Kālidāsa and Kāmandakī, by P. V. Kane,	236
The Ariyur Plates of Virupaksha: Saka-Samvat 1312, by J. F. Fleet	149	Rajputs and Mahrattas, by E. E. Enthoven	250
The Form of Busts on Indo-Scythian Coins, by Vincent A. Smith	179	Sir William H. Sleeman, by Vincent A. Smith	295
The Joint Authorship of the Kāvya-prakāśa, by P. V. Kane	208	Some Notes on the Bodleian Sanskrit Manuscript Catalogue, Volume II, by L. D. Barnett	310

CORRESPONDENCE.

Is Tobacco indigenous to India? by Ganapati Rai. 37		On "Kumāragupta the Patron of Vasubandhu," by A. F. Rudolf Hoernle	284
On "Foreign Elements in the Hindu Population," by G. A. Grierson	149	On Correspondence, by A. F. Rudolf Hoernle, by R. Narasimhaachar	312

NOTES AND QUERIES.

The Plant Kurinji (Stobilanthus) and the Worship of Kattaikkavalār, by S. Sitaramaia	68	A Note on "Foreign Elements in the Hindu Popu- lation," by A. Govindacharya Svamin	179
A Version of the Legend of the Clever Builder, by M. N. Chittanah	152	A Second Note on Vāsudeva, by A. Govindacharya Svamin	236
A Note on Yatiraja-Vibhavam, by A. Govinda- charya	152		

BOOK-NOTICE.

The Sāhityadarpana, by F. E. Pargiter	68		
H. H. Juybol, Catalogus van I's Ryks Ethnographisch Museum. Deel V, Javaansche Oud Heden, Leiden, 1909, by J. Ph. Vogel	98		
The Brahmanic Systems of Religion and Philosophy, by Vincent A. Smith	295		

SUPPLEMENT.

The Folklore of Gujarat, with Introduction, by R. E. Enthoven, C.I.E., I.C.S.	1, 13, 25		
--	-----------	--	--

ILLUSTRATIONS.

Fig. I. Ābū, Dilvādā, temple of Vimala Śāh, in chamber in the south-west corner of courtyard (Sculpture of Samavasaraṇa)	125	Fig. I, IIa. and IIb. Nadol Grant of Kirtipala : Vikrama-Samvat 1218	144
Fig. II. Picture of Samavasaraṇa on a leaf from Jaina MS.	125	Five Bana Inscriptions at Gudimallam	104

INDEX

G. F. refers to pages of the Folklore Notes from Gujarat and the Konkan, in the Appendix.

Abd-ul-'Aziz, prince of Kâbul	71	aksharas, syllables... ..	50, 54, 56—58
'Abdulla Quṭb Shâh of Gulkandah	73	âl, Drav., a woman	187, f.
abhaya, a hand	158, 159 and n.	Aḷagarmalai, Madura dist., inscrip. at... ..	210
Abhimanyu, a demon	G. F. 14	Aḷagiyamanavâḷa, god	135, 139, f.
Abhinandana-Bhaṭâra, I. and II.	215	Alaṭa, Alaka and the <i>Kāvya</i> prakāśa	208
Abhinava-gupta, commentator, and Bhāsa	88	Alâ-ud-Dîn, Allauddin	312
Âbhîras, modern Ahîrs	16	Âlavandâr, and Srîraṅgam	135
Abhon, in Nâsik dist., find of Kalachuri		Alexander the Great	11
copper-plate at	20	Âlhaṇa, k.	144, f.
Âbû, mt. 25; and the fire clans 86 and n.; tem-		Alikasundara II., Alexander of Epirus	11
ple on	160, f.	'Alî Mardân Khân, and Qandahâr	72
Abû'l Ḥasan, of Gulkandah	79	Alley, Capt.	253 and n.
Achyuta, Vijayanagara k., 143; Achyu-		Almora, U. P., birth and marriage	190, ff.
tarâya or Chitarao	271	Alphabet, Indian, origin of 4; in the Dhanop	
Adhirâjendra, Chôḷa k.	265	inscrip.... ..	174
'Adil Shâhî of Bījâpur	73	Amaravati, Dhanyakataka, Buddhist Mo-	
Âditya I., Chôḷa k.	107	nasteries at	212, f.
Advaita School, of 'monism'	295	Amâvâsyâ, last day of Hindu calendar month	
agastya, constellation	G. F. 26	G. F. 9, 10, 12, 13, 23	
Agnikulas, the Paḍihârs 24; and the Solañ-		Amber, c., and the Chohâns	5
kis, etc.	25; 30	Ammaṇâmalai, Madura dist., inscrip. at	210
Agnikunda, mt., Âbû	25; G. F. 11	Amôgavarsha I., Râshtrakûṭa k. 107, 214,	
Agra, c. 74, 75, 77 and 92; and G. Boughton		f.; his Sanjân grant... ..	240
248, 255		Âmtiyoka, Antiochos Soter	11
Âhalladevî, Hûṇa princess	21	Anahilla-pattana, or Anhilvâḍ in Gujarat '	
Ahalyâ, wife of Gautama	G. F. 19	Sripattana	311
Ahichchhatra, tn. 26, 27; three places of that		Anaigondi, c., and the Râyas	139
name 28 and n., cap. of Sapâdalaksha 29, 30, 34		Anaimalai, inscrip. at 210; Jaina settlement	
Ahîrs, ancient Âbhîras	16, 17, 85; 151	215; cave temple	225, 226
Ahirwâr, near Jhânsî, and the Ahîrs	16	Ânanda, Buddhist monk	211
Ahmadâbâd, Gujarât, and Aurangzêb	71	Ânanda Râjânaka, and the authorship of the	
Ahmadnagar and Aurangzêb	81	<i>Kāvya</i> prakasa	208
Ahraurâ, in the U. P., and the Âbhîras	16	Anandalvar, Pandit, found a new play by	
Aihole inscrip.	31, 162, 236	Bhâsa	87, f.
<i>Ain-i-Akbari</i> and <i>Siya</i> ji	181	Ânandapura, Vaḍnagar	34
Airâvat, Indra's elephant	G. F. 32	Anantvîrya, commentator	46
Aivarmalai Cave images	215	Âṇḍâl, female saint	58, f.
<i>Aivyâḍṅghan</i> and <i>avyaṅga</i>	18	Andhra, coins at Bathalapalli 173; kings	213
Ajamîḍha, and hymn in the <i>Rigveda</i>	8, 9	Andhrabhṛityas, in the Dekkan	16
Ajantâ pictures, at the Festival of Empire 297, f.		Andhradeśa, Andhra cap,	173
Ajar clans, and the Râjpûts	85—87	Ândhra-pûrṇa or Vaḍuganambi	152
<i>Ajita-purâna</i> , <i>Purânatilaka</i>	41, f.	<i>Anekârthasaṁgraha</i> , a work by Hémachan-	
Ajjanandi, Jaina teacher	215	dra	100
Akalaika, Jaina author	46; 214, f.	Anjengo, on the Malabar Coast, and R. Bour-	
Akâlavarsha, Krishnarâja I., and the Kai-		chier	273, f.
lâsa temple	238	Annalladevî, wife of Âlhaṇa, Ânaladevî 144,	
<i>âkâsh-gaṅgâ</i> , Milky Way	G. F. 28	145 and n.	
Akbar, emp., and Qandahâr	72, 150	anna-prashad, first feeding ceremony... ..	191
Akbar and the Râṭhors... ..	77, 78, 83	antarpât, cloth used at wedding	G. F. 16

Antialkidas, Antalikita, Greek k. 13	Askot <i>pargana</i> , Almora, and the Rajis ... 191
Antigonos Gonatas, k. of Macedonia. <i>Antikini</i> 11	Asôka Numerals... .. 55-58
Antiochos Soter, <i>Antiyoka</i> k. of Syria ... 11	Asôka, rock edicts 111; tree 130, 159, f.; and Buddhism 209, 218; <i>Dêvânâmpiya</i> 210-214; inscrips... .. 265 and n.
antiquities of Java 93, ff.	Assam and Aurangzêb 76
Antonines, on coins 179	Âsvatthâma, Asothama, Râthod k. ... 301
<i>antyaja</i> , low-caste 147	<i>atlas</i> , silk fabric G. F. 3
<i>anuloma</i> , marriage between persons of different castes 8	<i>Âtman</i> , <i>Brahman</i> 295
Aparâjita, probably Aparâditya, Silâhâra k. ... 42	Âtpur inscrip. of Saktikumara ... 86 n.
Aparânta, co., and Buddhism 212	<i>atta</i> , Drav., meaning of 188, f.
Aparasîlâ, Buddhist Monastery at Amarâvatî 212	Aurangâbâd, the Sonebaurî at 152
Appar, Tirunâvukkaraśu ... 216 and n., 217	Aurangâbâdî Mahal, a wife of Aurangzêb ... 82
Appaya Dikshita, grammarian ... 219, 221, ff.	Aurangzêb Alamgir—I. Birth and Accession 69, ff.; II. War of Succession 73, ff.; III., IV. Years of reign. 76, ff.; V Wives and Children 81, f.; VI. Initial Days of Reg- nal years 83; VII. Bibliography 84
Apollodotus, his coins at Bharoch ... 11 and n.	Aurangzêb, in Bijâpur and Golkondâh 283 and n., 288
Araiyaṅgâvadi, Jaina teacher 215	Aurva-Bhârgava, hermitage of 19
Arakan, Arracca, and Shâh Shuja 250	Auvaiyâr, poetess 89
Aramaic script and the Kharosthi 51	Avantisundari, wife of Râjasekhara... .. 26
<i>ârati</i> , ceremony G. F. 36	<i>avyanga</i> , snake-skin worn by the Magas, and <i>Aiwyâṅghan</i> 18
Arcoot, S., rock caverns in 212 n.; N. and the Jainas 215; Nawabs of ... 267, 288, ff., 288	Ayôdhyâ, Oudh, and the Châlukyas 24; Ayôdhyâpura 43, ff.; 131
Ardashir Bâbakân, k. of Persia 179	A'zam Shâh, son of Aurangzêb... 74, 77, ff.; 81, ff.
Ardjmand Bânû Begam, wife of Shâhjahan... 69	A'zam-târâ, tn., Satârâ 80
<i>arghyas</i> , an offering ... G. F. 8, 11, 26 and n.	Azas, a Śaka 13 and n.
Arhanandi Iraividyadeva, Jaina teacher ... 221	Azimganj, on the Ganges 311
Arians, Medes 147	Âzim-ud-din, son of Mu'azzim... .. 81
Arikêsari, Châlukya prince 41 and n.	
Arikêsari Mâgarvarman, Pâṇḍya k. 226	<i>bâbari</i> vow G. F. 7 n.
Arimaṇḍala Bhaṭâra 215	Babbâpura, Babbhâpura, Babôr near Jammû 98
Ariṭṭa, Maha Ariṭṭa, Buddhist... 210, 211, 218	Bactrian alphabet and the old Indian nu- merical symbols 50
Ariṭṭanmâsêna, Jaina teacher... .. 215	Badakhshân co., and Aurangzêb 71
Ariṭṭâpaṭṭi, Madura dist., cave inscrips. at 210, f.	Bâdâmi or Vâtâpi 43, 216
Ariyur plates of Virupaksha 149	Baḍâ-Nagar, Nagara 34
Arjunavarmadeva, and the authorship of the <i>Kâvyaprakâśa</i> 208	Badeghiz, White Hun cap. 31
<i>ârôgyasâlai</i> , sacred hall... .. 136	<i>bâdhâ</i> , impending evil G. F. 2
<i>ârtha</i> , wealth G. F. 15	Badman, Mrs., married R. Bouchier ... 274
Arundhatî, wife of Vasishtha G. F. 26	Badr-un-nisâ, Begam, daughter of Aurangzêb 82, f.
Aryabhaṭa, and numerical notation 50	Bâe Udepuri, a wife of Aurangzêb 82
Aryan, origin of castes 4; speech 150, f.; descent of the Brâhmanas ... 179, 180	Baglânah co., and Aurangzêb... .. 70
Asâd Khan, vizier to Shâhjahan 80	Bahâdur Shah of Delhi, in a Mutiny Song... 165
Aṣaf Khân, Yamîn-ud-daula, grandfather of Aurangzêb 69	Bahmânî kings and the Vijayanagaras 140, 143
Asâlat Khân 255	Bâhu, Indian k., and the Haihayas 19
<i>âsanikâ</i> , probably a dwelling 176	Bahubali, Canarese poet 46
Âśâpurî, goddess 26	
<i>Ashtâdala</i> , figure G. F. 8, 9, 11	
<i>Ashtâpada</i> , <i>Chಾಮukh</i> 160	
<i>ashwa-medha</i> , sacrifice G. F. 28	
Asians, c., and Aurangzêb 81	
Aṣîr, fort, and Shâhjahan 69	

- Bahu Begam, and the k. of Oudh ... 63
bajana, a tumbler ... G. F. 4
bāklā, an oblation ... G. F. 2 and n., 3, f.
 Baktriana, Greek prov. ... 11
 Bāla, tribe, Rajputs ... 85
 Bālāditya, Narasimhagupta k. ... 170
 Balchand, Boolchaund ... 250, f.
 Baldeoni, Bhawāni ... 119
 Balfour's Cyclopædia and the Meds... 147
bālgāḥchhu, a note on the word ... 89
balidān, sacrifice... G. F. 2
 Balkh, and Aurangzēb ... 71
Ballad of Bharatpūr ... 115, ff.
 Ballaha, Taila ... 42
 Ballasore, Eng. factory ... 247, 250, 253, 256
 Baluchistan and the Meds ... 147
 Bāṇa, poet, and tobacco 37; and Bhāsa 88,
 171; and Kālidāsa ... 236
 Bana Inscriptions, five, at Guḍimallam 104, ff.
 Bānavidyādhara, *alias* of Vikramāditya I,
 Bāṇa k. ... 105, 106, 107, and n., 108, 112 n.
 Bandar Abbas, Gombroon ... 273
Ban-manas, men of the wilderness, the Rajis 191
 Bantan, tn. ... 253, f.
bantāsā, offering... G. F. 11
 Baroch, sacked ... 78
 Barodā grant, and the temple at Elūrā ... 237
 Baśava, Līngāyat leader ... 218
 Batavia Museum and Javanese anti-
 quities ... 93, 95
 Bathalapalli, Anantpur dist., Andhra coins,
 found at ... 173
 Battana, Patna ... 250
 Bayley, Sir E. Olive, on old Indian numeri-
 cal symbols ... 50, 54
 Bazan, Narayan, ancient capital of Guzarāt 21
 Beard, John, E. I. Co.'s agent ... 252, 257
 Begam Sahib, sister of Aurangzēb ... 70, 71
 Bejeyitta-Bānarassa, k... 106
 Benares, Kāshi ... G. F. 36
 Bengal 22 and n.; English trading privi-
 leges in 247, ff.; and R. Bourchier... 273
 Besnagar inscrip. ... 13
 Bhadrabāhu and Bhandragupta ... 214
 Bhāgabhadra k. ... 13
 Bhāgirathi, riv. ... G. F. 28
 Bhagvānlāl Indrajī, on Indian numerical
 symbols ... 50, 53, f., 56, f.
 Bhairanmaṭṭi, in Bijāpur district, Sinda
 record at ... 27
Bhakti, Love of God ... 296
 Bhalhla, Rāshtrakūṭa k. ... 174
 Bhandarkar, Dr., and Ushvadāta 14, 87 n.;
 on Foreign Elements in the Hindu Popula-
 tion 149, 179, f.; and the temple at Elūrā 237
bhangī, a scavenger ... G. F. 21
bhanj, son, cousin ... 194, 196
 Bharata, author... 177, f.
 Bharatayuddha, Kaliyuga, and the Yuddhis-
 thira Eras ... 162, ff
 Bhāratitirtha Śrīpāda, Vijayanagara minis-
 ter ... 139
 Bharatpūr, Ballad of 115, ff.; Song of ... 120
 Bhārgava, Paraśurāma ... 8
 Bhartṛivādḍa, Bhāhamāna chief, his Hānsōṭ
 grant ... 240
 Bhāsa poet, discovery of some plays by him 87, ff.
 Bhaṭārka, founded the Valabhi dyn. ... 31
 Bhāṭis, a tribe, home of ... 30
 Bhaṭṭa-kumārila, author ... 178
 Bhaṇ Dājī, the late Dr., on Aśoka numerals 56
 Bhavabhūti, author ... 236
 Bhavanapatis, Jaina deities ... 127, 156, 158, 161
 Bhawāni, Baldeoni ... 119
 Bhils ... G. F. 13
 Bhīma II., Chālukya k. ... 44
 Bhīma-parākrama, Chālukya k. ... 44, 45
 Bhinmāl, in Jodhpur, probably ancient Gur-
 jara cap. 3; or *Pi-lo-mo-lo* 5, 22; Śrīmāla... 86
 Bhishma, Devavrata ... 163
 Bhogāvatī, cap. of Vātāla ... 27
 Bhojak and Sevak Brāhmanas... 19
 Bhojakas, Magas ... 18
 Bhotiyas of Almora, their Birth and Mar-
 riage customs... 190, ff.
 Bhū, q. to Nārāyaṇa ... 59
 Bhūpālarāya, Śrīgiri Bhūpāla, Vijayana-
 gara k. ... 141
 Bhūpati-Uḍaiyar, Vijayanagara k. ... 141
bhuva, exorcist ... G. F. 1, ff.
 Bians, *pargana*, Almora dist., and marriage
 by capture ... 192, ff.
 Bibliography, relating to Aurangzēb 83; to
 Jahāngīr ... 84, f.
 Bijāpur, and the Mughals 70, 73, 78, ff.; 283,
 288, inscrip. of Dhavala ... 239
 Bijjala, a Kalachuri k. ... 19
 Bijoliā inscrip. ... 26
 Bilhana, poet ... 24
 Billadge, Mr., of the Maurice Thompson Co.
 250, 257
 Birjisqadar, q. of Oudh ... 66
 Birth and Marriage customs of the Khasiyas
 and the Bhotiyas of Almora district 190, ff

- Bisnaga, c. 272
 Biṭhū inscrip. of Siha Rāthod ... 181, ff.; 301
 Biṭṭi, Viṣṇuvardhana, Hoyṣāla k. ... 136, 218
 Blak, Mr., of Maurice Thompson Co. ... 250
 Blake, Mr., of the E. I. Co. 257
 Bodleian Sanskrit Manuscript Catalogue,
 some notes on it 310, ff.
 Bombay, and R. Bouchier 72, f.
Bombay Gazetteer, and the late A. M. T.
 Jackson 1, ff.
 Bontā-dēvi, Bonkādēvi 43 n.
boterun, cessation of rain G. F. 33
 Bouchier, Rich., Governor of Bombay 272, ff.
 Bower, MSS. 53
 Bowrey, Thos., on Gab. Boughton 255 and
 n., 256
 Brāhmā g. 93, f.; G. F. 35
 Brahmagiri inscrip. 58
 Brahma-Kshatri, meaning of 35
 Brahma-Kshatriṣ, Brāhman 6
 Brāhmaṇābād, in Sind, and the ancient Bāh-
 manwāsi 25
 Brāhmaṇas 7, ff; the Sevak and Bhojak 19,
 26, 27 and n., 29; Āryan descent of 179,
 180 and n.
 Brahmanic religion, Brahmanism and the
 Kshatrapas 14; and the Huṇas 21; in S.
 India 212; images 93, 95, 96
 Brahmanṣ, Śākadvipa 149, f.; Nāgar 152;
 Āryan immigrants 193, ff; taxes paid to
 295, f.; 302
Brāhmaṇa-varuna, appointment of Brāhman
 G. F. 31
 Brahmasūri Shastri, the late, had a MS. of
 the *Mallishēṇa-Mahāpurāṇa* 46
 Brāhmī, or Sanskrit numerical symbols 49,
 ff.; 54, f.; inscriptions 210
 Brahui lang. 241, 245, f.
 Brandes, Dr. J. L. A., and the Batavia
 Museum Catalogue 93
 Bridgeman, Mr., in Bengal ... 247, 249, 250, 256
 Bridges, Mr., E. I. Co.'s servant 257
 British Administration 282, 287, f.
 Britto, John de, Jesuit Missionary ... 282, 288
 Brookhaven, Capt., E. I. Co.'s servant 249, 256
 Boughton, Gab., and the grant of trading
 privileges to the English in Bengal 247, ff.
 Brussels c. 89, f.
 Buddha, *stūpa* 14; on coins 17; etc. 55, f,
 58 n., 209 and n., 210, 211
 Buddharāja, k. 20, 174
 Buddhism and Jainism in Southern India,
 origin and decline of 209, ff.
- Buddhist Parallels to Parsi Humata—Hukh-
 ta—Huvarshta 301, ff.
 Buddhist, religion and the Greek 12, f.; and
 Kanishka 17; images in Java 93, 95, 96;
 pictures and embroideries from Tunhuang
 at the Festival of Empire 299, f.
 Bühler, Dr., and old Indian numerical sym-
 bols 50, 53, 54 n., 55, ff.
 Bundelkhand, campaign of Aurangzēb ... 70
 Burgess, Dr., and Jaina iconography 125;
 and the Elūrā temple 237 n., 238 and n. and
 the Ajaṇṭā frescoes 299
 Burhānpur sacked by the Mahrattas ... 78
 Burnell, Dr., on old Indian numerical sym-
 bols 50; and the Muhammadans in S.
 India 139; and the Choḷas 265, 266 and n.,
 269 n., 270 n.
 busts, on Indo-Scythian coins 179
 Buttāya, goddess G. F. 4
 Bātuga, probably a Gaṅga prince 42
- Caddapah dist., coin finds in 173
 Calcutta, 92, 117, 119; and R. Bouchier 273, f.
 Caldwell, Dr., on Dravidian grammar 184,
 188, f., 241, f., 246
 Campbell, Sir J., 2; and the name Gurjjara
 22, 30; and the Nāgar Brāhmaṇas ... 33
 Canara, S., Vijayanagara kingdom 269 and
 n., 270
 Canarese, characters in the *Mallishēṇa-
 mahāpurāṇa* MS. 46; lang. ... 241, ff., 246
 Carnatic, the, and Muhammad Alī 283, f., 288
 cases, Dravidian, a note on 171, f.
 Castes, Āryan, origin of, etc. ... 4, 6, 7, 8, 37
 Cavern inscrip. in Madura dist. ... 210, 212 n.
 Ceylon, and the Śākya, etc. 209, 210 and n.;
 discovered 229 n.; present, and the Choḷas 265
 Chachcha, reputed Rāshtrakūṭa k., his
 Dhanop inscrip. 174, f.
 Chāhamānas, *Agnikulas* 25, f.; home of, etc.
 29 and n., 30, 86
 Chaitya, tree, 153, 156; śēdi, a religious shrine 212
Chakrāvā from Chakravaha, a figure. G. F. 14
Chakravarti, or Sovereign of all India. G. F. 28
 Chalukya genealogy 41, ff.
 Chalukyas, and the Gujars 1; and the Kala-
 churis 19; or Solāṅki, etc. 24, f., 27, 29, f.,
 86; Western, and Jainism 214, 218
chamaine, daughter 194

- Chamberlaine, Mr., of the Maurice Thompson Co. ... 250
- Chamis, Śramaṇa ... 214
- Chandra, g. ... G. F. 18, ff., 23
- Chandrabhāga, riv., the Chenāb ... 18 and n.
- Charnock, Job, of the E. I. Co. ... 248
- Chandragupta, the Maurya, and the Greeks 11; and Bhadrabāhu ... 214
- Chandragupta II. 170, 264; or Vikramāditya ... 312
- Chandranandi-acharya, Jaina priest ... 215
- Chandraprakāśa, and Kumaragupta ... 264
- Chānpaka, father of Kālhaṇa .. 97
- Chapas, Gurjara subdivision ... 86
- chapati*, a symbol ... G. F. 5 n.
- Charaka, writer, and the use of tobacco 38, ff.
- charita*, good conduct ... G. F. 16
- chārmakāra*, shoe-maker ... 147
- Chashṭana, founder of the Kshatrapas of Mālwa ... 14
- chāts*, braids of grass ... G. F. 26
- chatur-laghu*, a penance ... 159
- chāturmās-vrat*, vow ... G. F. 10, ff.
- chaturthi-vrat*, or *choth vrat* G. F. 17, 18 and n.
- chaudas*, of Almora dist., and marriage by capture ... 192, ff.
- Chaul, in Kolābā dist., perhaps Chemulya .. 240
- Chauhān, Chāhumāna Rājput ... 86
- Chaumukh or Aṣṭāpada temple ... 160
- Chāvūṇḍa-rāya, Gaṅga general, patron of the poet Ranna ... 41, 42
- Chedi inscrip. ... 20, 24
- Chenāb, riv., Chandrabhāga ... 18 n.
- Chenna-Baśava, Līṅgāyat leader ... 218
- Chēra kingdom in S. India ... 224 n., 225, 227
- Cherukūri Lakshmīdhara, grammarian ... 219
- Chhandovichiti*, a work attributed to Daṇḍin 177, f.
- chhappaya-chhanda*, song ... 238
- Chohar Minār at Hyderabad ... 152
- chhē*, marriageable male cousins ... 195
- Chikkadēvarāja, Chōla k. of Mysore ... 265
- Chinabommabhūpa, reputed author of the *Prākṛita-mañḍipā* ... 221, f.
- Chinese, notation 54 n., coins, in Java 96; art, and the Ajaṇṭā frescoes ... 298, 300
- chīnē*, cousins ... 196
- Chinnayya Suri, and Telugu ... 243
- Chitarao, Achyuta ... 271
- Chohāns, Hārā Chohāns, and Gujaras ... 5
- Chokkanātha, a Nāyaka of Madurā ... 222
- Chōla, kings, list of 107; and Pallavas 134; and Pāṇḍyas, etc., 138, f.; inscrip. 216 n., in S. India 224 n., 225 and n., 227; finance ... 265, ff., 272, 287
- Chōlēndrasīmha, k., and the Śrīrangam temple ... 135
- Chronicles* of Mārwar, and the Paramāras 238, f.
- Chu-li-ye, mentioned by Hiuen-Tsiang 225 n.
- Chuṭukaḍānanda, Andhra feudatory, coins of ... 173
- cigar stick ... 38
- Chintāmaṇi, Pārvaśrānātha ... 311
- Clive, captured Tulaji Angria ... 273
- Cochaine, Andrew Cogan, E. I. Co.'s Agent 249, 253, f.
- Coimbatore, the Nāyaks of ... 282, 288
- coinage, coins, Indo-Sassanian 5; Greek 11 and n., 12, 13; Kushana, etc. 17, 18, 20 n., 21, 25, 26, 29 and n., 31, 33; as evidence of notation 51, 53, f., 57, 83; Hūṇa, etc. 86, 87 n.; Muhammadan 91 n., 92 n., 96; Indo-Scythian 179; Āndhra, etc. 213, 266; and the Swastika ... G. F. 17 n.
- coins of the Andhra Dynasty, Note on 173 and n.
- Comorin, Kumari, c. 225 ... 229 n.
- Comparative Grammar of Dravidian Language* 184, ff., 241, ff.; referred to ... 171
- Conjeeveram, tn. 134; Dravidian cap. ... 212
- Contributions to Panjabi Lexicography 199, ff. 230, ff. 258, ff. 274, ff., 289, ff., ... 305, ff.
- Coorg, lang. 241; Co., and the Chōlas ... 265
- copper-plate inscrip. 14; 20, 21, 23 and n., 26, 32, 96
- Coromandel, war in ... 283
- Oranganore, Tiruvañjaikkaḷam, on the W. Coast ... 217
- Crown*, the ship ... 252
- Cuddalore, tn., Jaina Monuments at ... 215
- Curzon's, Lord, *Persia* ... 148 and n.
- customs of birth and marriage *q. v.* 190, ff.
- Cyrus, k., and the Medes ... 147
- Dacca, Dhākā, where Mīr Jumlah died 76; and the E. I. Co. ... 252
- Daḍiga, Solar prince ... 214
- Dagaḍ-cloth day, ... G. F. 13
- Dakhin, see Dekkan ... 69, f.
- Daḷavāṇṭur, S. Arcot dist., inscrip. at ... 140
- Daṇḍin, author, and the Ahirāṇī dialect 17; and the *Chhandovichiti* ... 177, f.

- dānkla*, *dūg-dudūon*, spirit instrument, G. F. 3 and n.
- Dantidurga II., Rāshtrakūṭa k. 107; and the Paṭṭadkal temple at Badāmī ... 238
- Dantippōttaraśar, Dantivarman, etc., Pal-lava k. ... 106, f.
- Dantivarman *alias* of Vayiramēgan ... 134
- Dantivarman, Rāshtrakūṭa k. ... 174
- Dārā Shukoh, son of Shāhjahān 69, f., 72, ff., 82, f.
- Daśidra-Charudatta*, a drama, and the *Mṛich-chhakatika* ... 88, f.
- Darma pargana, Almora dist., and marriage by capture ... 192, f
- Daśapura, Mandasaur ... 15
- Dasarā, *Vijayādashmi*, a holiday, G. F. 29 and n.
- dashā*, evil influence ... G. F. 10
- dastak*, dustick, a pass ... 251
- dātara*, tooth stick ... G. F. 7 n.
- Dates for the Early Princes of the Present
- Jodhpur Family ... 301
- Daud Khān, Nabob ... 250
- Daulatābād, and Aurangzēb ... 70
- Daulatpurā copper-plate of Bhoja I... 21
- Davis, Thos., of the E. I. Co. ... 248, 253
- Day, Francis, of the E. I. Co. ... 253, f.
- Deane, of the E. I. Co. ... 273
- Defence, the Ship ... 252
- deities ... G. F. 1, 4, 5 and n., 6.
- Dekkan, the 13, f., 16; Dakhin, and the Mu-gghals 69, f., 72, f., 75, ff., 81, ff.; invaded 139; and Buddhism ... 209, 211, ff., 216, 218
- Delhī, and the Mughals ... 75, 77, 81, 83
- Demetrius ... 11 n., 12
- devachohhanda*, a pedestal ... 130, 157, 159, f.
- Dēvaradāsa, Śaiva *guru* ... 218
- Dēvarāya II., Vijayanagara k. inscrips. of ... 141, 143
- devas* ... G. F. 1, ff.
- Devavrata, Bhishma of Hastināpura ... 163
- Dēvēndra, a pontiff ... 125
- Devī, in Java ... 94
- Dhanada, Bhavanapati... 158
- Dhanop inscrip. ... 174 f.
- Dhanyakatakā, Amarāvati 212, and the Ān-dhra kings ... 213
- Dharanendra, serpent k. ... 27
- Dharanivarāha, Paramāra k. ... 238, f.
- Dharma, a banner ... 155
- Dharmadēvāchārya, Jaina priest ... 215
- Dharmaghōsha-suri, Dharmakīrti, a pontiff, and author ... 125
- Dharmakīrti, author of the Sanskrit *Kāpāva-tara* ... 223
- Dharmapāla ... 212
- Dharmapāla, Pāla k. ... 240
- Dharmasēna, Jaina teacher ... 215
- Dharmavarman, ancestor of the Kīlī-Chōja dyn. ... 131, f.
- Dharmavarman, and the Srīraṅgam temple... 139
- Dhavala, Rāshtrakūṭa pr., his Bijāpur ins-crip. ... 239
- Dhedvādā, sweepers' quarter ... G. F. 4
- Dhōḍ, Dūhad, birth-place of Aurangzēb ... 69
- Dholpur, tn., and Shahjahān ... 69
- Dhṛitarāshṭra, k. of Hastināpura ... 163, 191
- Dhruva, as a pole star ... G. F. 24
- Dhūhaḍa, a Rāṭhōḍ k. ... 301
- dhūpa*, burning incense... G. F. 2
- Dilras Bānū Begam, a wife of Aurangzēb ... 82
- Dirge of the Begams, etc., Mutiny Song ... 165
- diseases, Sk. names of ... 39 and n.
- Divāsā, day for worship ... G. F. 2, 3, 31
- Dolphin*, the ship ... 249, 254
- Domingos Paes, Portuguese traveller, and Vijayanagara revenue ... 270, f.
- Doms, their marriage customs ... 192
- doshas*, faults ... 268
- Draper, Dan., E. I. Co's servant ... 273
- Dravidian Cases, a note on ... 171, f.
- Dravidian Languages, Comparative Gram-mar of ... 184, ff.; 241, ff.
- Dravidian kings ... 224, 229 n.
- dramas, attributed to Bhāsa ... 88
- Dūhad, Dhōḍ ... 69
- dundubhi*, kettledrums... G. F. 32
- Durgā, Durgs, goddess ... 89; 94
- Durgā Dās and Akbar... 77, f.
- Durgāprasād, the late Paṇḍit, and the *Rāja-taraṅgiṇī* ... 97, ff.
- Durson, Capt., of the E. I. Co. ... 257
- Dutch in India ... 251, 253
- Dvaita*, Dualism ... 295
- Early South Indian Finance—I, The Chōlas 265, ff.; II. Vijayanagara Kings 269, ff.; III. Nāyaks of Madurā 281; IV. Nāyaks of Coimbatore 282; V., Nawabs of Arcot 283 ff.; Summary ... 287 f.
- earth, earthquakes ... G. F. 30, 34, f.
- East India Company 247, ff.; and R. Bour-chier ... 272
- eclipses ... G. F. 21, f.

- Eggeling, Prof., and the *Rājatarāṅgiṇī* 97 n.
 Ekāji, Venkaji 282
 Ekānta, Rāmāyā, Līngāyat leader ... 218
 Elāpura, Veṛūl, modern Elūrā ... 237, f
 Elavānāśūr, in S. Arcot dist., epigraph
 found at 216 n.
 Eliza, Sterne's, and R. Bouchier ... 273
Ellāndalaiyānān, legend on coin ... 138 and n.
 Elūrā, Elāpura, Veṛūl, the Kailāsa temple at
 237, f.
 embroideries, Buddhist, at the Festival of
 Empire... .. 299, f.
 Emir Jemla, Mir Jumla 256 and n.
 Eṇādi Tirukkiṭṭi, k. 133
 English, Songs from Northern India, relat-
 ing to them 89, ff.; and French in the
 Coromandel 283, 289
 English, grant of trading privileges to the,
 in Bengal 247, ff.
 Epthalites, White, the Hūpas 21; a coin of 31
 Eras, The Kaliyuga, Yudhisthira and Bha-
 ratayuddha 162, ff.
Erumaiyār, Mahishamandala... .. 212

 Fa Hian, Chinese pilgrim, in India ... 211, 213
 Famine Commissioners on taxes ... 266 n.
farmaish, phirmaish, commission ... 251 n.
 Fathābād or Samūgarh 74
 Fath-ul-ghaib or Tornā, tn. 81
 Fattegharh, Khudāganj 166, f., 169
fauzdār, military governor 283, f.
 Fergusson, D. Wm., works by him ... 103, f.
 Festival of Empire, Indian paintings, etc., at
 297, ff.
 Finance, Early South Indian ... 265, ff.; 281, ff.
 firman, *farman*, an order 247 and n.; phir-
 mand 250, 255 and n., 256
 Flavian busts on coins 179
 Fleet, Dr., 31 n.; and the earliest Śāka date
 67; *Gupta Inscriptions* 52, f., 54 n., 57, 58
 and n.; and *bāl-gaḷchehu* 89; and the
 Rājatarāṅgiṇī 100; and Ariyur plates 149;
 on the derivation of Gujarāt 150 and n.;
 and the Vijayanagaras 270 n.
 flower drawing, in the Ajaṇṭā frescoes ... 298
 foliage drawing, in the Ajaṇṭā frescoes ... 298
 foods, and Sun-worship G. F. 9
 Foreign Elements in the Hindu Population
 9, ff.; notes on 149, ff.; 179, ff.
 Forrest, Mr., and R. Bouchier 272

 Fort St. George 248 and n., 253, f.; and R.
 Bouchier 274
 Fort William, and R. Bouchier ... 273, f.
 Foucher, *Iconographie bouddique* ... 95 and n.
 French and English in the Coromandel 283, 289
 frescoes of Ajaṇṭā 297, f.
 Fullerton, Col., on finance 284 n., 285 and
 n., 286, 289
 fyle-foot, the *swastika* G. F. 17 n.
 Fyzābād, 1857, A Mutiny Song 123.

Gadā-yuddha, or *Sāhasa-Bhīma-vijaya*, a
 work by Ranna 41, f.
gadāso bharvo, ceremony G. F. 11
 Gadheri, a *Mūtā* G. F. 1
 Gaḍhwāl inscrip. 23
 Gadrās, a tribe 149
 Gage, Capt., of the *Hopewell* 249, 254
 Gaja, a banner 155
 Gajapati dyn. of Orissa 135, 137, f.
gajapriṣṭhākrīti-vimāna 104 and n.
 Gaṇabhadra, Jaina teacher 215
 Gaṇāgor, goddess G. F. 4
 Gaṇapati, Kākatiya k. 133
 Gaṇapati Śāstrin, Mr. F., and Ravivarma-
 deva 223
 Gaṇapati Śastry, Pandit, and the discovery
 of supposed Bhāsa plays 88
 Gāndhāra art 95
 Gandova tn., and the Meds 143
 Gaṅgā, riv. 110; G. F. 28
 Gaṅgaikondachōḷa-puram record of Virā-
 paksha III 142
 Gaṅgaikondān, later Chōla cap. ... 131 and n.
 Gaṅga-Pallavas and the Pallavas ... 106
 Gaṅgas, list of 107; and Jainism ... 214
 Ganges, riv. G. F. 35, f.
 Gañjām, and early notation 55; revenues of
 271 and n.
 Ganpati, g., and the *Swastika* G. F. 15, 17,
 18 and n., 20
 Gardon, Mr., of Maurice Thompson's Co. ... 250
garuḍa dhvaja at Besnagar 13
 Gauḍ Brāhmanas 22 and n.
 Gauḍa 151
 Gauramukha 18
 Gaurishankar Ojha, Pandit, on inscrips. 174,
 175 n., 176 n.
 Gautama Buddha ... 209, f., 212, ff., 298, f.
 Gautamiputra Śātakarni, and the Kshaharā-
 ta family 14

- Hari-vamśa*, the, A Lacuna in ... 58, ff.
Hari-vamśa, the, and the late A. M. T. Jackson 4; on caste ... 9
Harrison, G., uncle of R. Bouchier ... 273
Harsha inscrip. of Vighraharāja ... 239
Harshavardhana, k. of Kanauj ... 38
Hasta *nakshatra* ... G. F. 34 and n.
Hastikunḍi, Hāthunḍi, in Jodhpur St., inscrip. at .. 175
Hastināpura, tn. ... 163
Havig Brāhmanas of Karwar... 27 n., 29
Havishkar, his coinage... 179
Hawkins, Mrs Sarah, married R. Bouchier 274
Hayōbans=(Haihayavamśa) Rājapūts ... 150
Hedaia, the, and tribute ... 285 and n.
Hedges, E. I. Co.'s Agent ... 252, f., 257
Hemachandra, author 125, f.; 153, ff.; 220, f., 223
Hendley, Col., C. I. E., and Indian Paintings ... 297 and n., 300
Herbert, the ship ... 252
Hermaios, k. of Bactria ... 179
Herodotus, on the Meds ... 147
Herringham, Mrs., and Indian paintings 297, ff.
Himalayas, tribes of 27; and the Rājapūts 85, ff., 151, f.
Hindu population, foreign elements in ... 7, ff.; 149, ff.; 179, f.
Hindu, civilisation, etc. 4, 6, f.; faith, and foreigner's 12, ff., 86, f.; in S. India 125, 217, f., 267, f.; numerical notation 49; temples destroyed 77; art in Java 93, f., 96; gods 145; eras 162; pantheon 213; kings, defeated, etc. 281, 285 n.; homage to Muhammadan Pir, etc. G. F. 5 and n., 7 and n., 10, ff.
Hindustan under Aurangzēb 75, f., 80, 118; and Buddhism ... 209
History of The Military Transactions of The British Nation in Indostan, by Orme, quoted ... 248
Hiuen Tsiang, in India ... 212, ff., 224, 225 n.
Hodgson MSS. from Nepal ... 56
Holi festival ... G. F. 5 n., 30
Homa sacrifice ... G. F. 10
Hopewell, the ship, ... 247, 249, 253, ff.
Hoogley, see Hugly ... 247
Hospet, in Bellamy dist., ancient Nāgalāpūr ... 272
Hoysala dyn., and Rāmānuja ... 135, ff., 218
Hṛishikesa-sāstrin, grammarian ... 223
Hugli, Hugly, Hoogley, tn., and European traders ... 80 247, 249, f.; 252, f.
hukḥi, hubble-bubble, in India ... 37, 40
Hultsch, Prof., and the *Valuga Chronicle* 131, f.; and *Trivikrama* ... 219, ff.
Humata-Hukhta-Huvarshita, Parsi, Buddhist parallels to ... 301, ff.
Humāyun, Emp., and Qandahār ... 72
Hūnas, Hara Hūnas 5, 18 n., 20, f., their coins, etc. ... 25, f., 29, 31, 85, f., 179, f.
hunting mentioned ... 236
Huvishka, Kushana k. ... 17
Ibbetson, Sir Denzil, and Panjah Ethnography, etc. 85 and n., 87; and the Meds. ... 147
Iconography, Jaina, II. *Samavasaraṇa* 125, ff., 153, ff.
Ḍaiyapaḍārar, Jaina priest ... 215
image-worship ... 296
Immaḍi Narasimha, Vira-Narasimharāya, k. 143
ina, the Egg ... G. F. 28
India, Northern, Songs from ... 89, ff., 115, ff.
India, Southern, and the origin and decline of Buddhism and Jainism ... 209, ff.
India, and the Turkomans, etc. 1, 4, 5, 7, 11, ff. 16, f.; and foreign tribes 19, ff., 28, 31, 147, f., 179, f., 282, f., 287; and tobacco 37, ff., 50; under Aurangzēb 70, 72, 75; and immigrants 86, f; South, temples of 104 and n., 105; ancient dynasties of 131; and the Muhammadans 139; divisions, etc. 224 n. 225, 228 n., 229 n.
Indian Numerical Symbols, old ... 49, ff.
Indian Finance, Early South... 285, ff., 281, ff.
Indian Painting at The Festival of Empire ... 297, ff.
Indian, Antiquities, and the late A. M. T. Jackson 1, 3, 4; and Javanese 93, ff.; drama, etc. 88, f., coins ... 179
Indo-Parthians, and Śakas ... 13 n.
Indo-Sassanian coins ... 5, 179
Indo-Scythians, and Śakas 13 n.; coins of ... 179
Indra, g. ... G. F. 19, 27 and n., 28 and n.
Indra dhanushya, the rainbow ... G. F. 27
Indrarāja, brother of Govinda III. ... 240
Indrasēna, Jaina priest... 215
Indus, riv. 11, 27; and the Meds ... 147, f.
Inscriptions, Bana, Gudimallam ... 104, ff.
Inscriptions, some unpublished ... 174, ff.
Inscription, the Bīḥḍ ... 181, ff., 301

- Inscriptions, in Bhinmâl, etc. 3, 6, 11—29;
 Aihole 31, 162, 236; Śrāvṇa Belgōla 35, ff.,
 46 and n., 221; Kanarese 43 and n.; and
 notation 51, ff.; Gurjara-Pratihâra, etc. 87,
 89; in Java 94, n., 96, 131, 134—143;
 Nāḍōl plate 144, ff.; Ariyur 149, 160, ff.,
 173; of Arjunavarmadeva 208; cavern in
 S. India 210; Andhra, etc., 213, ff.; 238, f.;
 of Aśōka 265, 266 n., 272; from Tunhuang. 300
- Iran, and the Meds 147
- Iranian deities on coins 17
- Isamus, riv. Jumna 11
- Ishwar, g. and the *Swastika* G. F. 14
- Islām under Aurangzēb 77
- Īśvarakṛishṇa, Vindhyavāsa, date of ... 170
- Īśvarasena, Māḍhariputra Īśvarasena ... 16
- Italian mediæval drawing and the Ajaṇṭā
 frescoes... .. 298
- Jagadēkamalla, Malladēva 105, 107
- Jagarāma, Saiva author 311
- Jagarāma, Jain scribe 311
- Jagraj Singh, mentioned in a song... .. 66
- Jahānārā, daughter of Shahjahan 248
- Jahāngīr, Emp. 69, and Qandahār 72
- Jahnvi, riv. Ganges G. F. 86 n.
- Jahnu, k. G. F. 86
- Jaimānikas, Jaina deities 127
- Jaina, Iconography 125, ff., 153, ff
- Jaina, faith, and the poet Ranna, etc. 41;
 221; Mss. and notation 55; temple at
 Aihole 162; scriptures 302 n.
- Jainism and Buddhism, origin and decline
 in S. India 209, ff.
- Jains and the Swastika, etc. ... G. F. 16, f., 20, 23
- jalādhari*, water-passage G. F. 12
- jalanamitte*, *jvalanmitra*, title of Bhāsa ... 88.
- Jambudvīpa, tn. 18, 210
- Jamkhaṇḍī, Hyderabad 41 n.
- Jamna, riv. Jamna 12
- Jāmū, vil. 124 and n.
- Jaraśabda, Jaraśasta, ancestor of the Magas,
 and Zoroaster... .. 180 n
- Jāsḍān, in Kathiawar, Kālu-Pīr shrine in
 G. F. 5
- Jaswant Singh, Rāṭhod Rājāh, and Aurang-
 zēb 77
- jaṭā*, matted hair 104 G. F. 36
- jātaka* stories in Ājaṇṭa pictures 298
- Jaṭāvarman Sundara-Pāṇḍya I, k. 136, ff.
- Jaṭila, *alias* Neduñja-daiyaṇ Parāntaka ... 226
- Jāts, Jāṭts and allied races 85, f., 119,
 147, f.
- Java antiquities 93, ff.
- javālā*, tenderwheat plant G. F. 29 and n., 30
- Jayachandra, k. of Kananj 181, 183
- Jayadāman, a Kshatrpa of Mālwa 14
- Jaydēva, k. and Bhāsa 88
- Jayamaṅgala, commentator 178
- Jayamēru, or Vikramāditya 112 n.
- Jayanandivarman, Bāṇa k. 105, 107, f.
- Jayasimha II, W. Chālukya k. 218
- Jetavana, the, near Śrāvastī, Buddhist finds
 at 96
- Jicarāṇamāhātmya*, Vaishṇava work ... 311
- Jina, in the *Rishabhana tha samavasaraṇa*
 153, 157, 159, ff.
- Jinasēna, author 46; preceptor of Amo-
 ghavarsha I. 214
- Jinḍān Rāṇī 121
- Jinjī, fort, besieged 80
- jizyah*, poll-tax... .. 77
- jñāna*, *jñān*, wisdom 296, G. F. 16
- Jñānasambanda, Saiva Saint... .. 226
- Jodhpur dynasty, the present, dates for the
 early princes of 301
- Jodhpur 19 and n.; inscrips. 21, 23, 24;
 rulers of 181
- jogia*, child protected by a *Jogi* 191
- jogmāya*, a natural power G. F. 16
- Jujhār Singh, rajah of Orehhah, and Aurang-
 zēb 70
- Julandhar cantonment... .. 121
- Julio-Claudian busts on coins... .. 179
- Jumna, Jamnā, riv. Isamus, and the Greeks
 11, f.
- Junāgaḍh, rock inscrip.... .. 14
- Junnar, cave inscrips. 12, 14; tn. and Shāh-
 jāhān 69
- Juynboll, Dr. H. H., and Javanese antiquities
 93, ff.
- Juzr, or Pratihāra kings 22
- Jvalanmitra*, *Jalanmitra* 88
- Jyōtishkas, Jaina deities 127, 156, ff. 161
- Kābul and the Mughals ... 71, 72, 77, 79, 81; 179
- Kachchhāra, and Khazar 31 and n.
- Kaḍaba plates of Prabhūtavarsha 238
- kadakas*, crashing thunder G. F. 33
- Kadamba, dyn. 6, 24, 26, 27, 36; inscrip. 23

- Kadphises, I. and II, Kushana kings, coins of 179
 Kaṇḍungōṇ, Parāntaka Śaḍaiyaṇ, k. of Ma-
 dura 225, f.
 Kāhya Nagā, demon G. F. 36
 Kailāsa Temple, ancient Kannareśvara, at
 Elūrā 237, f.
 Kaisar Bāgh at Lucknow, Song of 62
 Kaitabha, demon... .. G. F. 30
 Kakkarāja, Gujarāt K., his Baṇodā grant 237, f.
 kakubhas, bells 155
 Kalabhra, dyn. in Madras 225, f.
 Kalachuris, and the Haihayas 19, ff.
 Kālāñjara, and Kālīñjar fort in Bundel-
 khāṇḍ 20, f.
 Kālasēna, k. of Lankā 209
 Kalhaṇa's Seventh *Taraṅga*, Notes on 97, ff.
 Kalhaṇa, author 164
 Kālī, goddess 209
 kālī-chaudas day G. F. 2
 Kālidāsa, and Bhāsa 87, ff.; and Kāmānda 236
 Kaliyā Nāga, serpent 94
 Kaliyuga, Yudhisthira, and Bharatayuddha
 Eras 162 ff.
 Kaliyuga, and smoking 39
 kalyān, welfare, and *swastika* G. F. 15
 Kalyāṇakaṭaka, Kanauj, and the Chalukyas 24
 Kalyāṇī, seat of the Haihayas 19
 kām, love G. F. 15
 Kāmāndakī and Kālidāsa 236
 Kām Bakhsh, son of Aurangzēb 80, ff.
 Kambā, two persons of the name ... 132 and n.
 Kampana Udaiyar's conquests 139, f.
 Kamparāja, k. 141, f.
 Kampaya-Daṇḍanāyaka, Hoysala minister 136, f.
 kaṇvara, prince 181
 Kanakachandra, Paṇḍita, Jaina teacher ... 215
 Kanakanandi, Jaina teacher 215
 Kanakasimha, and Kanakamṛgarāja 312
 Kanakavalli 131
 Kanakavira-Periyaḍigal, Jaina teacher ... 215
 Kanarese co., and the Rāshtrakūṭas 1; lang. 171
 Kanauj, co.-1; 22, f.; or Kalyāṇakaṭaka 24,
 86, ff.
 Kāñchoi, and Buddha 212, ff.
 kaṇḍ, Dravidian, a male 187
 Kaṇḍaṇ-Ṣoṇpaṭṭaṇ, Jaina teacher 215
 Kāndusēna, Jaina teacher 215
 Kāṇḍā, Nagarkoṭ 34
 Kaṇḍavarman, son of Mayūras arman ... 27
 Kaṇherī cave inscrip. 15, 173
 Kanigiri, Vijayanagara cap. 142
 kānikkai, a tax 142
 Kanishka, Kushanak... .. 17, 18 and n., 179
 Kannada langs. 171, f.
 Kaṇṇanūr, Samayavaram in Trichinopoly 136, ff.
 Kannaradeva II., Kannuradeva, Kṛishṇa-
 deva of the Nekumbhavamśa dyn. 237
 Kaṇṇesvara, Kannareśvara, modern Kailāsa... 238
 Kansa, k. of Mathūra G. F. 33
 kansār, an oblation G. F. 3 and n., 17, f.
 Kaṇva, and the Kāṇvāyana Brāhmaṇas ... 9
 kanyā-dāna, giving away of a bride 193
 Kanyākubja, Kanauj 28 n.
 Kapila, a sage G. F. 28
 kapilashashthi day G. F. 12
 Kapilavastu c. 300
 K. rgudari, Kadamba inscrip. at 27
 Karhade Brahmanas, Gujars 23
 Karikāla k. 134
 Kāriyāṅṅu-tuñjiṇa Neḍuñ-Kiḷi, k. 133
 Karkarāja, prince 239, f.
 Karli, Karle, cave inscrip. 12, 14, 51, 53
 karma 296
 Karnāl, and the Gurjara-Prātihāras 87
 karnam, village accountant 265, 272
 Kārtavīrya-Arjuna, Haiyaya k. 19, f.
 Karūvar, tn. 133
 Kāshi, Benares G. F. 36
 Kāshmir, and the Hūṇas 21; Eras 162; and
 Vasubandhu 171
 kāsū, a coin 266 and n.
 Kāṭayavema, commentator 221
 Kāṭhiāwād, Kāṭhiāwār 12; Surāshṭra 87;
 deities of G. F. 4, 6; birth customs... .. 13
 Kāthis, tribe and the sun G. F. 7
 Kaṭṭaikkāvalar, deity of the Palni hills ... 68
 Kaṭṭhem grant and the Chāḷukyas 44
 kaustubha, jewel G. F. 21
 Kāvērī, riv. 131
 Kaviputra, poet 88
 Kāvīripumpatṭiṇam, ancient Chōla cap. ... 212
 Kāvyaḷaṅkāra sūtra-vṛitti, a work by Vām-
 ana 264, 312
 Kāvyaṇṇakāśa, the, its joint authorship ... 208
 Kayasthas of Bengal 33 and n.
 Keith, Mr. A. B., and the Bodleian Sanskrit
 manuscript catalogue 310
 Kerala, dyn., in S. India 265
 Kern, Prof., on old Indian numerical sym-
 bols 50, 54
 Kēsava, grammarian 172
 Kēśi-daṇḍanāyaka, known as Brahmā, helped
 Ranna 42
 Ketu, demon G. F. 21, 25

- Khamḍelavâl, Khamḍelaval°... .. 312
 Khân Khânân traitor... .. 69
 Khân Zamân, officer under Aurangzêb ... 70
 Kharôṣṭhî, script. in India 50, notation 51, 54, 56
 Khasas of the Sub-Himâlayas ... 150, ff.
 Khasiyas, and the Bhotiyas, of Almora, their
 birth and marriage customs ... 190, ff.
 khat-muhurt or puja ceremonies ... G. F. 29
 Khazars, and the Gûjars 30, and the Kach-
 ohhâra, etc. 31 and n.
 khichdo, khichedi, an oblation G. F. 3, 7, 8, 11
 Khelî jî, a Mahrattah, and Aurangzêb ... 70
 Khudâganj, Fattehgarh, Mutiny Song 166, ff.
 Khurram, Shâhjahân 69
 Khusru II., Parviz, k., his coinage ... 25, f.
 khyats, chronicles 181
 Kielhorn, the late Prof., and Indian numerals
 54 f.; and the Nâḍôl Plates 144, 145 n.,
 and the Vasantgaḍh inscrip. etc. ... 239 f.
 Kijakkudî inscrip. 215
 Kijavalavu, in S. India, cave inscrip. at ... 210
 Kijî, Kijî Chôla k. 131, f., 134 and Buddhism 213
 Kirâḍû, ancient Kirâṭakûpa 239
 Kirtipala, Maharajaputra, his Nâḍôl Plates
 144, ff.
 Kistna, co. N., revenues of 271 and n.
 Kittel, Dr., and Dravidian langs. ... 242, ff.
 Kôḍanḍarâman—sandi festivals ... 138
 Kokkuka, Pratihâra k. 16
 Kôṭâla, an ancient cap. in Mysore ... 214
 Kolhâpur, Jaina Maṭha at 46
 Kôṇḍu, in Puddukôṭṭai State ... 133 n.
 Konḍubhaṭṭa of Oherukûru, k. ... 223
 Kôṇṇirâja, Sâluva k. 142 f.
 Koṅgar-Puḷiyâṅgulam, Madura dist., inscrip.
 at 210
 Konkan, co., and Buddhism 212; and the
 Swastika G. F. 16
 Koris, a tribe 149
 Koṟkai, Pândya c. 227
 Koyilolugu, Tamil work ... 131, ff.
 Koyalo, mt. G. F. 5
 Kṛishṇa, commentator 49 n.
 Kṛishṇa II., k. 107, 215.
 Kṛishṇa III., k., patron of the poet Ponna... 41
 Kṛishṇadâsa, author of the *Parasîprakâsa* ... 149
 Kṛishṇadeva, Kannaradeva II. ... 237
 Kṛishṇarâja I., Râshṭrakûṭa k., built the
 Kailâsa temple at Elûrâ 237, f.
 Kṛishṇarâja, Vijayanagara k.... 269, f., 272
 Kṛishṇarâja II., Râshṭrakûṭa k. ... 105, f.
 Kṛishṇarâya Uttamanambi, at Śrîrangam 142, f.
 Kṛishṇa-Samâhaya, alias of Periya-v-
 âcchân-Pillai 59
 kritârtha-śrama,=successful in his emdea-
 vour 264
 Krom, Dr. N. J., and Jaina inscrip. ... 94 n.
 Kshaharâta, a Kshatrapa family name ... 14
 Kshatrapas, Satraps, become independent
 and rule various provinces, etc. 13, ff.;
 their coins 51, 53, 57
 Kshatrapâvan, Persian title for Satrap ... 14
 Kshatriyas, Brahma-Kshatris...6, ff., 19, ff.,
 23, f., 26, f., 86, 180 and n.
 Kubera, g. in Java 93, 96
 Kui, lang. 242
 Kujala-Kadphises, Kushana k. ... 17
 Kulasêkhara-Perumâl, k. 132
 Kulôttuṅga I., Râjendra-Chôla 135, f; three
 of the name 138; 268
 Kumalgaḍh, in Udaipur State, Golerâ temple
 at 160, f.
 Kumâragirirâja, author of the *Vasantarâjya* 221
 Kumâragupta, Patron of Vasubandhu 170, f;
 and Chandraprakâsa 264, 312
 Kumârapâla, k. 34
 Kumârasvâmin, writer 221
 Kumari, Comorin, co. 110, 225, 229 n.
 Kumârila writer... .. 178
 Kumârilabhaṭṭa, Brâhman 217
 Kumbhârîâ in Dântâ, State, Jaina temple in... 161
 Kunbi, Kurmî, tribe 280
 Kundakundâcharya, and Mallishêpa ... 46
 kundali, astronomical diagram G. F. 18 and
 n., 24, 25
 Kundavvai, Bâṇa, q. 106, f.
 Kunjê, Kunja vil, in Rurki ... 121 and n., 122
 Kuntala, co., and the Kadambas ... 27
 Kuṇ-Pândya, Sundara Pândya, k. ... 217
 Kuṇaṇḍi-Ashtopavâsi, Jaina priest ... 215
 Kuringi, Stobilanthus, plant, and the wor-
 ship of Kattaikkavalar, in the Palni Hills 68
 Kurugûr, or Âlvâr-Tirunagiri, tn. 132 and
 n., 134
 Kurukh, lang. 241, 243
 Kurukshetra, battle ... 163; G. F. 14, 30
 Kushanas in N. India 17; overthrown 19, f.; a
 coin of 179
 Kuvêni, a Yakshinî, helped Vijaya in Laṅkā 209
 Lacuna, A, in the *Harivamśa* ... 53, ff.
 Lahore, tn. 121

- Lakmanāgarh, the Bailey Guard, Lucknow 124 and n.
- Lakshmi, g. ... 94
- Lakshmidhara, Lakshmanasūri, author 219, 221, ff.
- Lakshmiśēna Bhaṭṭāraka, head of the Jaina *maṭha* at Kolhāpur, and the *Mallishēna-Mahāpurāṇa* ... 46
- Lālā Srinawās Dās, author of the Song, *The Night Before Waterloo* ... 89
- Laṅkā, and Sundara-Pāṇḍya I. 137, f.; or Tāmbapaṇṇi ... 209, f.
- lāpsi, an oblation ... G. F. 2 and n., 3, 4, 10
- Lāṭa, part of Gujarāt 24; Lāla 209; conquered 239, f.
- Leemans, Dr., and Javanese archæology ... 93
- Legend of The Clever Builder... ... 152
- Leiden Museum and Javanese antiquities 93, ff.
- Lexicography, Panjabi, contributions to, contd. from p. 250, Vol. XXXIX, 199, ff., 230, ff., 258, ff., 274, ff., 289, ff., 305, ff.
- Leyden plate inscrips. and the Chōlas 132, f.
- Laika, Kusulaka... ... 14
- Library, Oriental Manuscripts, Madras, where the new Bhāsa play was found 87, f.; of the British Museum and the works of D. W. Fergusson ... 103
- Lightning, Vijli ... G. F. 33, f.
- Līṅgākṛiti-Vimāna, ... 104
- Līṅgavat or Vīraśaiva Creed ... 218
- Literature and Antiquities, Indian I, 3. ff.; Sanskrit ... 8
- Little Clay Cart, the *Mṛichchhakatikā* ... 88
- Levi, M., on notation ... 58
- Lōkavibhāga, Jaina work, and the earliest Śaka date ... 67
- London, c. ... 124
- Lucknow, c. ... 62, 63, 65
- Lumly, Lord ... 253 and n.
- Lumly Castle, the Ship... ... 253 n.
- Ma'bar, the Pāṇḍya Co. ... 138
- Mac Crindle, and the Polver riv. ... 147
- Madagascar Isl. ... 254
- Mādhariputra Iśvarasena, Ābhīra k. ... 16
- Mādhava, Solar prince ... 214
- Madhava, Vijayanagara prime minister 269, ff., 287
- Madhu, demon ... G. F. 30
- Madhukavi Ālvār, Vaishṇava St., 132; or Māraṅgārī 134, 216; Pāṇḍya prime minister 217 and n., 225, f.
- Mādhva Brāhmaṇs ... 295
- Madhyamikā, supposed, to be Nagari, siege, of ... 11
- Madras and Gab. Boughton 253, f., 256, f.; and the Chōlas 265; and the Vijayanagaras 271, 288; and R. Bouchier ... 272, ff.
- Māndavrāj, in Kathiawar, and Sun worship G. F. 6, 7
- Madura, conquered, 139; the Nāyakas of 143; cavern inscrips. in 210, 212 n., 215; or Tiruvālavāy 215 n.; the Tamil poets of 224 and n.; the Nāyaks of 181 and n., 182 and n., 183, 188, f.
- Maduraiikkāñchi*, Tamil idyll, its date and its hero ... 224, ff.
- Maga, or Śākadvīpī Brāhmaṇas ... 17, ff.
- maga*, a child, Dravidian ... 187
- Māgadar, tribe of mixed descent ... 227
- Magadha, c. 19; Chronology, Eras of ... 162
- Māgaṇandi, Jaina teacher ... 215
- Magi, and the Śākadvīpa Brāhmaṇs... 18, 150
- Maha-Ariṭṭa, and Buddhism ... 210
- Mahābali, ancestor of the Bānas ... 109
- Mahākūṭa pillar inscrip. ... 20
- Maḥammad Mu'azzam, son of Aurangzēb 75—77, 79, 81, ff.
- Mahāpadma, Nanda k. ... 8
- Mahāpuruṣa-lakṣhaṇā*, marks of beauty ... 214
- Mahārāṭṭa, Mahārāṣṭra co., and Buddhism 212
- Mahārudra* sacrifice ... G. F. 31
- māhātmya*, account of a sacred place... 237
- Mahāvali-Vāṇarāya, Bāna name ... 108, f.
- Mahāvamsa* and the first invasion of Ceylon 209, ff.
- Mahāvira, a Jina... ... 130
- Mahavira, Jaina ascetic ... 214, 302 n.
- Mahāyāna School of Buddhism under Kanishka ... 17
- Mahendra, mt. and Paraśurāma ... 20
- Mahendrapāla, Pratihāra k. ... 23, 26, 87
- Mahēndravarman, and Rājamahēndra 134; and Jainism ... 214, ff.
- Māhinda in Ceylon ... 210 and n., 211
- Mahīpāla, Pratihāra k. 23, Vināyakapāla ... 26, 88 and n.
- Mahishamaṇḍala, *Erumāyūr*, in Mysore State, and Buddhism ... 212
- Māhishmatī, cap. of Kārtavīrya-Arjuna, identified with Māndhātā ... 19, f.
- Mahmūd Shāh I., Nāsradīn ... 182
- Mahodaya dyn., and the Gurjaras ... 5
- Mohomedans and Mughals ... 76, 78, 79, 81

- Mahrattah and Mughal powers ... 76, 78, ff.
 Maitraka, tribe ... 6, 31, f.
 Maka, Magas of Cyrene ... 11
 Mahran, home of the Meds ... 152
Mālavikāgnimitra, work by Kālidāsa ... 88
 Malayālam, MSS. and notation 55; lang. ... 241
 ff., 246
 Malik 'Ambar Ḥabshī, minister under Jahān-
 gir ... 69
 Malik Kafur, conquered Madura ... 139
 Malladēva, Jagadēkamalla, Bāna k. ... 105
 107
 Mallikārjuna, k. ... 143
 Mallisēna, Jaina priest ... 215
 Mallishēna, author of the *Mahāpurāṇa* ... 46
 Mallishēna Jaina ascetic ... 46
 Malto lang. ... 241 f., 245, f.
mama-jhōi, maternal uncle's share ... 193
 Mammata, author of the *Kāvya-prakāśa* ... 208
mana, a banner ... 155
 Manaswāl Plateau, Hoshiyārpur Dist., Huṇa
 coin find at ... 86
Maṇḍalapuruṣa, Tamil writer ... 215
maṇḍapikā, custom-house ... 176
 Māndarañchēral-Irumboṛai, Chēra k. ... 133
 Mandasaur, Daṣapura, tn. 15, inscrip. ... 21
 Māndhātā, in the C. P. and Māhishmati ... 19
manek-stambha, first pillar of a marriage bo-
 wer ... G. F. 29
 Maṅgaleśa. Chālukya k. ... 20
 Māṅguḍi, in S. India, home of Marudanaṇar
 224 and n.
 Maṇigatṭa Gollahaṇi, in Kōlār dist., inscrip.
 at ... 106
 Mānikkavāchagar, author 216 and n., and
 Pāṇḍya Minister ... 217 and n., 218
 Mānikyaachandra, and the *Kāvya-prakāśa* ... 218
 Mānikyanandin, Jaina writer ... 46, 214
Maṇimēgalai, Tamil poem ... 212, f.
 Mañjuśrī image in Berlin Museum ... 96
 Mannārguḍi, Tanjore dist., inscrip. at ... 136
 Manu, on caste, etc. 7, 10, 11; and the Medes
 147, 265 and n.
 Mānūr, Pāṇḍya inscrip. at ... 112 n.
manuṣhya human soul ... G. F. 16
 Marād Bakhsh, prince ... 78
 Maraka[nim]maḍigal Bāna q. ... 105, ff.
 Mēraṅgāri, Madurakavi Ālvār. ... 134
 Mārañjaḍaiyaṇ *alias* Neḍunjaḍaiyaṇ, Pāṇḍ-
 yak. ... 134
 Māra—Pisuna, Dēva ... 211
 Mārasmha, Ganga prince, probably identi-
 cal with Nolambantaka ... 42; 107
 Marāṭhā, co., and the Chālukyas ... 1
 Marāthās and Rājapūts 280; and Tanjore
 282, f., 286, 288
 Maravar, a people in Madura, etc. ... 227 and n.
mārgas, objects of human desire ... G. F. 15
 Marriage and Birth Customs of the Khasiyas
 and the Bhotiyas of Almora ... 190, ff.
 Marudanaṇar of Mānguḍi, author of the *Ma-
 duraikkanchi* ... 224 and n., 225
 Marugāltalai; Tinnevely dist., Brāhmī ins-
 crip. at... 210
 Mārwar Chronicles and the Paramāras 238, f.
 Masulipatam, Metehlepatam ... 250, 254
Matana-dāhadā-mātā, Navarātra holidays
 G. F. 2 n.
mathas, established ... 217, f.
 Mathurā, Lion cap. inscrip. etc. 13 and n., 16
 51, 53, 56, 57; and Muḥammad Sulṭān 70,
 74, 77, 83; art ... 95, 118
 matriarchal times in Almora, evidence of ... 193
 Maukhari dyn. ... 33
 Maurice Thompson's Company in Bengal ... 250
 Maurya dyn., 11; and Buddhism 209, 210,
 and n., 212, 214
 Mābenkō, Chēra k. ... 133
 Māyā, dream of ... 300
 Mayūra k.... 24
 Mayūrasarman, and Mayūravarmān, ancestor
 of the Kadambas ... 26, 27 and n., 29, 36
mēda, flesh and marrow ... G. F. 30
 Mēdea, the Colchican, and the Meds ... 147
 Meds of Makran ... 147, ff.
 Medhātithi, ancestor of the Kānvāyana
 Brahmanas ... 9
 Media, co. 147; and Milan ... 148
 Medical works and smoking ... 38, f.
 Medos, Polver riv. ... 147
 Meer Jumla, Mir Jumla q. v. ... 250
 Meerut, 1857. A Song of the Mutiny ... 123
 Mēgha-Kumāras, Jaina deities ... 126
 Meghanāda ... 23
 Megharājā, rain, g. ... G. F. 33
 Meldi, goddess ... G. F. 33
 Mēlpādi, vil., temples in ... 135
 Menander and Buddhism ... 12
 Mērbaboe, mt. in Java, epigraph from ... 96
 Meru, mt., 225 n.; G. F. 16; and eclipses .. 22
 Metchlepatam, Masulipatam .. 250
 Method in the Study of Indian Antiquities,
 by the late A. M. T. Jackson ... 1, 3

- Mēṭṭupaṭṭi, in S. India, cave inscrips. at ... 210
 Mihira, form of Sūrya, also a name of
 Rijihva... .. 18
 Milan, ancient Medea, and the Meds ... 148
Milinda-pañho, Queries of Milinda ... 12
 Mihira, gotra of Rijihva, ancestor of the
 Magas, and the Persian Mihr ... 18
 Mihirakula, Mihrgul, Hūṇa k. ... 21
 Mihiras, the Mers, and the Maitrakas ... 31
 Mihr-un-nisa Begam, dr. of Aurangzēb ... 83
 Mios Hormos, port in Egypt... .. 229n.
 Mīr Jumlah, Meer Jumle or Mīr Maḥammad
 Ardistāni, .. 78, 75, 76, 250, 256 and n., 257
 Mitra dyn. 33
 Moas, Śaka k. 13 and n.
mobhārā, threshing-stone G. F. 34
 Moghol finance 265
 Moguls and S. India 283, 238
 Mohini, Vishnu G. F. 21
moksha, salvation G. F. 15, 36
 Monro, Sir Thos., on revenue 267 and n., 269 n.
moosal, pestal 190
 Moslem invaders 4
moturpha, taxes 286
Mrihchhakaṭikā, a work attributed to Bhāsa
 88; and Daṇḍin 177, f.
 Mrig constellation G. F. 23 n., 24
 MSS. and notation 55, f; Sk., in Madras
 Govt. Library, etc., 59 and n.; of the
 Swapnavāsavadattā 87, f.; of the *Rājata-*
 raṅgiṇī 97 and n.; ancient, from Tun-
 huang 299, f.
 Mudali Aṇḍaṇ, keeper of the Srīrangam
 Temple 135
mudgara, noose and hammer 158
 Mudhōl or Muduvoḷal, in Belgaum dist.,
 birthplace of the poet Ranna .. 41 and n.
 Mughals and Kābul, etc, 71, f., 76 ff.
 Muḥammad Akbar, Akbar 83
 Muhammad Ali, Nawab of the Carnatic
 283, f., 288
 Muḥammad Sulṭān, Emp. ... 70, 73, ff., 82, f
 Muhammadan, coinage 91 n.; advance on
 Srīrangam 138 ff.; in S. India, etc. 142;
 182, f.; 266, ff., 272; conquest 281, 285 n. 288
Mujmal-ul-tawārikkh, on the Jats and Meds.. 148
 Muḷānanda, Andhra feudatory coins of ... 173
 Mūlarāja, Solāṅki k. and Dharaṇivarāha ... 239
 Mülher, fort in Baglānah co. 70
 Müller, Max, quoted 301
 Mūltān, Sāmbapura 18 n.; and Aurangzēb... 71
 Mumtāz Maḥal Ardjman Bānū Begam ... 69
 Murād Bakhsh, son of Shāhjahān 69, 71, 73, f., 88
muraḍu, war drum 227
 Musalmāns, and Hindus G. F. 5 and n.; and
 the Milky Way 28
 Museums and Javamese Antiquities ... 93, 96
 Muta Neṇsi, author 239
 Mutiny Songs 123, f., 165, ff.
 Mūṭṣiva, father of Tissa 210
 Muttutirumatai Nāyakar, k. of Madurā ... 222
 Mysore, Mahishamaṇḍala 212; and Jainism
 215, 218; and the Choḷas 265; and the
 Vijayanagaras 271, 287 f.
 Nābhāgarishṭha, a Vaiśya, whose sons be-
 came Brahmaṇas 9
 Nabi Shāhgarh, tn., Rajgarh 80
 Nachchiṇārkkiniyār, Tamil scholar, and the
 Maduraikkanchi 224 and n.
 Nāchchiyār, goddess 132
 Nadasi-Kasa, wife of Rājūla 13
 Naddūlāi, Kingdom 144, f.
 Nāḍlāi, vil., in the Nāḍōl Plates 144
 Nāḍōl Plates of the Maharajaputra Kirtipala
 of Vikrama Samvat 1218 144, ff.
 Nāgabhaṭa I and II 86; and Nāgāvaloka 239, 240
 Nāgalāpūr, Modern Hospet 272
 Nagar, Badā Nagar, tn. 34
 Nāgar Brāhmaṇas 32, ff., 152
 Nāgarī, in Udaipur supposed ancient Madhy-
 amikā 11
 Nāgarī, numerals, 54, 56; inscrips. 94, 96;
 MS. of the *Rājatarāṅgiṇī* 97; characters
 in Shergaḍh inscrip. 175
 Nagarkoṭ, Suśarmanagara, ancient Kāṅḍā
 34 and n.
 Nāgas, and the Sinda tribe 27
 Nāgasena, and Menander 12
 Nāgasthāna, Elūrā 237
 Nāgāvaloka, Nāgabhaṭa II 239, f.
 Nahapāna, father-in-law of Ushavadāta ... 14
 Naiki, lang. 242
naivedya, an oblation G. F. 30, 36
nakshatra, a constellation G. F. 23, 24 and n.,
 33 and n., 34
namaskār, bow G. F. 9
 Nāmkan ceremony G. F. 13
 Nammālvār, Śaḍagōpaṇ 132 and n.; or
 Kārimāraṇ 134, f., 216, f.

- Nānāghāt. inscrip. ... 51, 53, 54, 57
 Nānasambanda, Śaiva St. ... 215, ff.
 Nanda dyn. ... 8
 Nānda-Chōla, k. ... 131, f.
 Nandan (ban), London... 63 n.
 Nandi, on Kushana coins ... 17
 Nandippōttaraśar, 105; or Nandivarman,
 Pallava k. ... 106, f., 111, ff., 134, 217 n.
 Nannurām Bhahmabhaṭ, antiquarian, and
 the Bīṭhū inscrip. ... 181, f., 301
 Nappinnai, Nīlā ... 59
 Nārād-Muni, and the *swastika* ... G. F. 14
naraki hellish soul ... G. F. 16
 Narasā, Nāyak, general ... 142, f.
 Narasimha II, III, Hoysala kings and Virā-
 Narasiṅgarāja ... 136
 Narasimhachar, Mr., and the earliest Śaka
 date 67; and the discovery of Bhāsa's
 plays 87, f.; on Trivikrama ... 221
 Narasimhagupta-Bālāditya, and Mihirakala
 ... 21, 170
 Narasimha-perumāl temple, at Ānaimalai ... 134
 Narasimhavarmaṇ I, Pallava k. and Vātāpi
 ... 216, 226 n.
 Narasimhiengar, Mr., and Brahmanic Sys-
 tems, etc. ... 295, f.
 Nārāyaṇa, commentator ... 178
 Nārāyaṇpur, in Jaipur, identified with Bazan 21
 Nāsik, cave inscrip. 12, 14, ff., 51, 53, 57;
 dist., coin finds in ... 173
 Nāsuraḍin, Mahmūd Shāh I., emp. ... 182, f.
 Naṭiśa Śāstri, Mr., and the Airyur plates ... 149
navarātra holidays ... G. F. 2, 5, 31
 Nāyakas of Madura, and Śrīraṅgam 143, f.,
 222; and finance, etc... 281, f. 288 and n.
 Nawabs of Arcot... 283, ff., 287, f.
 Nazar Muḥammad Khān k. ... 71
nazrana, benevolence ... 284
 Neḍumārāṇ, Pāṇḍya k. ... 226 and n.
 Neḍuñjeliyan, Pāṇḍya k. 133; hero of the
Maduraikkanchi ... 224, ff.
 Neḍuñjadaiyan, Mārāñjadaiyan, k. 134;
 217; *alias* Jaṭila ... 226
 Nellore, Vikramasiṅgapura 137, f.; Nellūr
 224, 227; revenue ... 284, 286, 287 and n., 289
 Nepal MSS. from 18, 54; dialects ... 150, f.
 neshouns, *nishān* ... 249, f.
 Nichulāpurī, Uraiyūr, Chōla cap. ... 131 and n.
 Nīlā, Nappinnai, third q. of Nārāyaṇa ... 59
 Nīlakanṭha, writer ... 164
Nil-parvān ceremony ... G. F. 26
 Nelvēli, scene of a Pāṇḍya victory ... 226 and n.
- Niravadya, or Vijayāditya, Chālukya k. 43, ff.
Nirukta, the, note on ... 4
nirvāna of Buddha ... 209, 211, 302
nishān, neshoun, an order ... 249, 256
 Niyoga, ancient Hindu custom .. 191, f.
 Nolambāntaka, noted for liberality, probably
 Mārasimha ... 42
 Norris, Sir W., and Aurangzēb ... 80
 Nouns, Dravidian, ... 184, 241, ff.
 Nṛpatuṅga, Pāllava k. ... 105-107, 110
 Nṛsiṃhahārati, Chief Jaina pontiff at Śrin-
 gēri ... 46
 Nuniz, Portuguese trader ... 270, ff.
 Nūrbahān, q. ... 69
 Numerals, the Aśoka ... 55, ff.
- Orissa, notation ... 55
 Orme, historian, and G. Boughton ... 248, and n.
 Oudh, Songs about 61, ff., 124; Ayōdhyā ... 131
 Outliers of Rājasthāni ... 85, ff.
- Padea, Rao, Praudhavaraya ... 143
 Paḍihārs, Pratihāra tribe ... 24, 25, 30
 Padmapāni, Bodhisattva ... 95
 Paes Domingos, Portuguese trader ... 270, f.
 pagoda, *Pardao*, a coin ... 270 n., 271
 Pahāḍi group of langs. ... 30
 painting, Indian, at the Festival of Empire
 ... 297, ff.
 Palghaut and Buddhism ... 212 n.
 Pāli, lang. on Greek coins 12; tn. in Jodhpur
 ... 181, ff.
 Palika, a Kshatrapa ... 14
 Pallavas, inscrip. of 51; and Gaṅga-Pallavas
 106; list of 107; and Chōlas 134, 225 and
 n., 226 n.; and Buddhism, etc. 213, f.
 ... 216, ff.
pallasālā, probably a storehouse ... 176
 Palni hills, and the Kuringi plant ... 68
 Pallivāl Brāhmaṇas and the Muhammadans 182, f.
 Palyāgaśālai—Muḍukumi Peruvāluḍi, Pan-
 dya k. ... 224, ff.
 Pampa, poet, author of the *Āḍipurāṇa*, etc... 41
 Pāṇvārs, Paramāras ... 30
pāṇar, bards, who used the *yāl* ... 227 n.
pañchāmrit, an offering .. G. F. 11, 29, 31
pañcharatna, five precious things ... G. F. 29
Pāñcha-siddhāntika, and the hitherto earliest
 known Śaka date ... 67

- panchopachar*, five-fold ceremonials ... G. F. 9
- Pāṇḍava, Pāṇḍya kings and Vijaya ... 209
- Pāṇḍavas ... 163, f.
- Pāṇḍu, hero ... 191
- Pāṇḍuvāsudēva, nephew of Vijaya ... 209 n.
- Pāṇḍya inscrips 112 n., 215, 133; co. 139, 209, ff.; and Jainism, etc. 214, 217, f.; kingdom in S. India ... 224, ff., 265
- Pāṇini, and the *Rājatarāṅgiṇī* 98, 100, 102, 177, 220
- Panjāb, and the Greeks, etc. 11, 13, 22, 24; inscrip. ... 51
- Pañjābi Lexicography, Contributions to, contd. from p. 250 of Vol. XXXIX. 199, ff., 230, ff., 258, ff., 274 ff., 289 ff., 305, ff.
- Panjtar inscrip. ... 13 n.
- pantheism, Indian ... 296
- pāpaḍkḥār*, Marāṭhī, impure soda ... 173
- paper, paintings on ... 300
- Parabala, Rāshṭrakūṭa k. inscrip. of 239; two of the name ... 240
- Paramarakkhita, monastery at Dhanyakāṭaka ... 212
- Paramāra, an *Agnikula* tribe 25; or Paṇvārs 30; dyn. of Rājputānā ... 238, f.
- Paramārtha, Buddhist author, and the date of Vasubandhu ... 170
- Paramātman, Supreme Being... 296
- Parāntaka I, Chōla k. 107, f.; Śaḍaiyaṇ, and Kaṇṇṅōṇ ... 225
- Parāśara, a sage of low origin ... 9
- Parāśara, writer on law ... 269
- pāraśava*, ... 10
- Pārasṭprakāśa*, work by Kṛishṇadāsa ... 149
- Paraśurāmēśvara temple, Guḍimallam, N. Arcot, contains five Bana inscrips. 104, f., 108, ff., 112, f.
- pardao*, pagoda, coin ... 270, ff.
- Parihārs and Gujaras 5; or Pratihāra Rāj-pūts ... 86
- parikara*, pedestal ... 160
- Paris, Treaty of ... 283
- parivattam*, a tax ... 142
- Parmārs, and Gujaras 5; Rājputāts, and Sun-worship ... G. F. 6
- Parsi Humata-Hukhta-Huvarshta, Buddhist parallels to ... 301, ff.
- Parsis, Guebres ... 149
- Pārśvanātha, a Tīrthamkara ... 311
- Parthishwar, Lord of the Earth ... G. F. 30
- parwāna*, *perwanna*, grant or order ... 250
- pastānā*; portion of luggage ... G. F. 80 and n.
- Pātāla, Pātāl, the lower rigions 27; G. F. 34 and n., 36.
- Patalene ... 11
- Pāṭaliputra, tn. ... 210
- Patañjali, and the Greeks in India ... 11 and n.
- Pathak, Prof., on the *Kāvyāṅkārā-sūtra-vṛitti* ... 264
- Paṭhāns, under Aurangzēb ... 76, 119
- Paṭhārī Pillar inscrip. of Parabala ... 239, f.
- patit-pāvan*, purifier of the fallen ... G. F. 36
- Patika, Satrap, date of, etc. ... 13 n., 14
- pāṭlā*, a stool ... G. F. 26
- Patna, Battana, Pattana ... 250, 252, 257
- Pāṭodā grant of Vinayāditya ... 240
- Paṭṭadkal temple near Badāmi ... 238
- Paṭṭinakuratti, Jaina teacher ... 215
- paṭṭu*, a tax ... 142
- Pattupāṭṭu*, a collection of ten Tamil idylls 224
- Paurava family ... 36
- Pavaṇanandi, Jaina teacher ... 215
- Pawār, Pramār Rājputāts ... 86
- payment in kind, under the Chōlas, etc. 266, ff.
- Pearl lake, the ... 118
- peashcum, *peshkash* ... 251 and n.
- pen*, Dravidian, a woman ... 187
- penda*, an offering ... G. F. 11
- Periya-ācchān-Piḷlai, *alias* Kṛishṇa Samāh-vaya, and the Saint Āṇḍā! ... 59
- Perma Jagadekamalla II., Chālukya k. ... 20
- Persians, in Sind 25; and Qandahār, etc. 72, 81, 83, 180; their art, and the Tun-huang paintings ... 300
- Perunaṅkiḷḷi, Rājasūyambēṭṭa, Chōla k. ... 133
- Peruñjīnga, Pallava general ... 136
- Peshāwar and Aurangzēb ... 71, f.
- peshkash*, peashcum, presents ... 251, n.
- Peterson, Dr., on Daṇḍin ... 177
- pherā* of *lakh-choryāsi*, cycle of births ... G. F. 12 and n.
- phirmand, phermaish, for *farmān* 250, ff., 256, f.
- pictures, from Tunhuang ... 299
- pilgrim customs ... G. F. 36, 37 and n.
- Pillivalai, Nāga princess ... 213
- Pi-lo-mo-lo, Bhinmāl, cap. of Kieuchelo 5, 22
- Piṅgala, poet ... 177
- Pipley, Pippli, English factory at 247 and n., 249
- pir* worship ... G. F. 4, 5 and n.
- Pisācha, langs. of the N. W. Frontier ... 150
- pisānam*, staple crop ... 283
- Pischel, the late Dr., on Bhāsa 88; Daṇḍin 177, f.; and Prākṛit grammar ... 220

- Pitt, Mr., of the E. I. Co. ... 252, 257
 plays of Bhāsa, discovered ... 87, ff.
 Plutarch, and Menander ... 12
 poā, marriageable cousin ... 195
poḥor, prahara, a period of time. G. F. 19
 and n., 22 and n.
 Polver, Medos riv. ... 147
 polyandry, in Tibet ... 191
 Pompeii, frescoes 299; and the *Svastika*
 G. F. 17 n.
 Pondah, near Goa ... 78
 Ponna, author of the *Śānti-purāṇa* ... 41
pōṇṇi, Brāhmaṇ title ... 113
 Portuguese and tobacco in India 37, 40;
 and Aurangzēb ... 78
 Porunar, probably the people of the Porunai
 basin ... 227 and n.
 Pothias, Pothia ... G. F. 1, 35
 Prabhāchandra, Jaina teacher ... 214
 Prabhāsa, Somnāth-Pattan ... 14
 Prabhūmēru, a *biruda* of Vijayāditya II.
 105, ff.
 Prabhūtavarsha's Kadaba plates ... 238
pradakṣhinās, perambulations ... G. F. 12
pradhāna, perfections ... 303
pradhāni, minister ... 136
Prajñāpāramitā, Transcendental wisdom, im-
 age ... 95
Prākṛit grammar in S. India ... 219, ff.
Prākṛita-Manidīpa, a work by Appaya Dik-
 shita ... 219, 221, f.
Prākṛitapraśāsa, a work by Vararuchi ... 219
Prākṛitarūpavatāra, a work by Śiṛaharāja 219, 223
 Pratihāra, dyn. 4; 22; the Juzr kings of
 Kanauj 23, ff., 27; *agnikulas* ... 30, 86
Pratiñā-yaugandha-rāyaṇa, a drama attribut-
 ed to Bhāsa ... 88
pratiloma, marriage between persons of
 different castes ... 8
Pratāpachakravartin, secretary ... 136
 Pratāpsing, Rājā ... 283, 286
 Praudhadēvarāya, Mallikārjuna, Padea Rao,
 k. 141, ff.
 pregnancy customs ... 190
 Price, James, G. Boughton's servant ... 250
 Prinsep, the late J., on old Indian numeri-
 cal symbols, etc. ... 49 and n., 50 and n.
 Prithvipati I., 106; and II. ... 107, f., 133
 Producer, the, Savita, the Sun ... G. F. 13
 Proud, Capt., of the *Dolphin* ... 249
Prudent Mary, the ship... 252
 Ptolemy and Sakastana ... 13 n.
- Ptolemy Philadelphos, Turamāya ... 11
Pugaḷvippavargaṇḍa, Vijayāditya II... 105
pūjāt, forms of, G. F. ... 2
 Pujiyapāda, author ... 46
 Pulakēsi I, Chālukya k. 43, ff.; II. 162; in-
 scriptions of ... 214, 236
 Pulikāla, Sinda prince ... 27
 Pumbarai, vil. in the Palni Hills and the g.
Kaṭṭaikkāvalar ... 68
Punyāha-wāchan ceremony ... G. F. 16
Purāṇas, and the late A. M. T. Jackson, etc.
 1, 4, 16; and smoking ... 39; 162
puravari, a tax ... 142
pūrnāhuti, an offering ... G. F. 25
 Purnapāla, Paramāra k., his Vasantgaḍh
 inscrip. ... 239
Pūrṇimā, full moon day ... G. F. 13, 17, 23, f.
Pūrvaśilā, Buddhist monastery at Amarāvati 212
 Pushpavanānātha, reputed *Prākṛit* gram-
 marian ... 222
 Pushya Nakshatra festival ... G. F. 9
put, hell ... 192
 Puṭṭpanandi, Jaina teacher ... 215
putra, son ... 192
 Puttanah, Patna... 257
 Puvvanandikuratti, female Jaina teacher ... 215
- Qandahār, and the Mughals ... 69, 72
 Qilich Khān, Suhbān Qulī, prince of Kābul 71
 Quṭl Shāhi court at Gulkandah ... 69
- Raghunāth Kuṇwar, songs by him ... 61
rāhdārī, rawdarree, transit dues ... 251, and n.
 Rahimābād, tn. in Hardoi ... 124 and n.
 Raḥmat-un-nisā, a wife of Aurangzēb ... 82
 Rāhu, a demon ... G. F. 10, 21, ff., 25
 railway train ... 92
 rainbow, *kachbi*, or *Indra-dhanushya* G. F. 27
 Rājādhirāja, Chōja k. ... 265
rajaka, washerman ... 147
 Rājala-de, wife of Sībā ... 183
 Rājamahendra, Chōja k. 131, f; and Mahendra-
 varman... 134
 Rājapuri, tn. ... 101
 Rājārāja I., Chōja k. 135; inscriptions of 216 n.;
 266, 268; III ... 136
 Rājārājēśvara temple at Tanjore ... 131 n.

- Rājasekhara, poet and the Pratibāras, etc.
23 and n., 26, 28 n., 29; and Bhāsa 88 and
n.; and Daṇḍin... 177
- Rājasekhara-Mahārāja, Vijayanagara k. ... 143
- Rājasthānī, The Outliers of ... 85, ff.
- Rājasthānī, *quasi*, dialects of .. 150, ff.
- Rājatarāṅginī*, a work by Kalhana ... 97, ff.
- Rājatarāṅginī*, eras used in it .. 162
- Rajemahel, and Gab. Boughton ... 247, 249 f.
- Rājendra Chōla I., 131 n., Kulotuṅga I.
136, 266
- Rājgarh, tn., Nabi Shāhgarh ... 80
- Rajis, *Ban-Manas*, a tribe in Askot *pargana*,
Bhot ... 191
- Rājor, inscrip. ... 21, f.
- Rājputās, Royal races 4, 6; and allied tribes
85, f.; or Hayōbans of the Sub-Himalayas
150, ff.; and widow marriages, etc. 192, ff.; 280
- Rājputānā, and the Gujars 1; 21, f., 30, f.;
and Sapardalakshān 28, 29 n.; and Aurang-
zēb 77; foreign settlements 86, ff.; migra-
tions from 151; and Rāshtrakūta inscrips. 174, f.
- Rājula, Mahākshatrapa... 13
- Rākshas s, in Java ... 94, f.
- Rām, g., and Rehman ... G. F. 5 n.
- Rāmanātha, Virā; Hoysala k... 137
- Rāmānuja, and Srīraṅgam 135, f.; 152 ... 218
- Rāmarāja, Kandādai Anṇaṇ ... 142
- Rāmarāja, k. ... 223
- Rāmgharib Chaube, collected Mutiny Songs... 123
- Ramkaran of Jonk, Pandit, and the Dhanop
inscrip. ... 174, 175 n.
- Rāmnagar, in the U. P., and Ahichchhatra... 28
- Rām Rājah, a Mahrattah ... 79, f.
- Rānā Sāhib, Benī Mādhav ... 66
- Raneki, goddess ... G. F. 4
- Ranchohōji temple, Nagar, Jodhpur, inscrip.
at ... 181
- Raṅgachārya, Prof. and Vālmīki ... 220
- Raṅganātha, g. ... 131, f.
- rangbang, public meeting places in Almora ... 192
- Rāṇī of Jhānsī, song of her ... 166
- Rāṇī Jīndān, mother of Dulip Singh ... 121 n.
- Ranna, Kavi Ranna, Kannaḍa poet, on
Chālukya genealogy ... 41, ff.
- Rapson, Prof., 14; and *Indian Coins*, etc. 25
and n., 26, 53, f. 57; 173
- Rāshis*, signs of the Zodiac ... G. F. 24 and n.
- Rāshtrakūta, tribe, and the Gujars, etc. 1, 22;
dyn., and the W. Chālukyas, etc. 44, 174, f.;
and Jainism ... 214
- Ratanpūr and the Kalachuris ... 20
- Rāthod, family name of the rulers of Jodh-
pur ... 16, 181; 301
- Ratnagiri, Mt. ... 127
- Rāvaḥ ascetics ... 145 n.
- Rāvana, g. 180; statue at Elūrā ... 238
- Rāvu Sarvajña Singamabhūpa, ancestor of
the prince of Venkatagiri ... 222
- rawanah*, rewannas, receipt ... 251, 253
- Raya, Vijayanagara dyn. ... 139, 141
- regnal years of Aurangzēb ... 83
- Rehman, Allah, and Rām ... G. F. 5 n.
- rekhus*, lines in the milky way... G. F. 28
- relations, Bhotiya and Khasiya, tables of 196, ff.
- revenue, of the Chōlas 156, ff.; of the Vijaya-
nagaras ... 169, ff.
- Rijihva, Sujihva or Rijivāhva ... 18 and n.
- Rishabhadatta or Vrishabhadatta, Ushava-
dāta ... 14
- Rishabhanātha, a Jina... 130
- Rishabhanātha, author... 153
- Ritter, and the Arians ... 147
- Rivers, holy, ... G. F. 35
- Rohini, wife of Chandra ... G. F. 20
- Roman, busts on coins 179; art, and the
Ajantā frescoes ... 289
- Rome and the *Swastika* ... G. F. 17 n.
- Rudra and Rudrāman... 14—16
- Rudrākshmalā, a rosary ... G. F. 8
- Rudrasimha, Mahākshatrapa ... 16
- Rudrata, author ... 177
- Ruhtās, fort held by Shāhjahān ... 69
- Rupnath rock inscrip. ... 56, ff.
- Saḍagōpaṇ, Nammālvār ... 132
- sādhana*, recitation ... G. F. 3.
- sādhvīs*, female ascetics... 161
- Sagar, k. ... G. F. 28
- Sagara, son of Bāhu ... 19
- Sahāranpur, Songs of ... 121, f.
- Sāhasa-Bhīma-Vijaya* or *Gadā-yuddha* a
work by Raṇṇa 41; gives the Chālukya
genealogy ... 44
- Sahasrām inscrip. ... 56, ff.
- Sihityadarpaṇa*, book-notice of ... 68
- Sahya, Mt., and Paraśurāma ... 20
- Saiva, faith, in Java 96; temples in S. India
104 n.; Saints, etc. ... 216, ff.
- Śaka Date, the earliest ... 67
- Saka dyn., and Buddhism, etc. 13, ff.; Era, or
Śalivāhana 162, ff.; tribe 179, f.; or Śākyas... 209

- Śākadvīpī or Maga Brāhmaṇas 17, ff., 149, f.
- Sakakāla* era, probably originated by Ka-nishka 18 n.
- Śākambhari, goddess 26
- Śākambhari, tn. 145
- Sakastana, co. 13 n.
- Śāketa, Oudh, seige of 11
- Śakunika Vihāra*, the 125
- Śākyamuni, images in Java 95
- Śākyas in Ceylon 209
- Salankts and Gujaras 5
- Saldanha, Mr. J. A., on Śāvantvādī State tribes 280
- Salem, and the Nāyaks of Madura ... 281 and n., 288 and n.
- Salimgarh, fort, and Murād Bakhsh ... 74
- Śālivahana, Śātavāhana, dyn. 14, f.; or Śaka Era, date of 162
- Śāluva Maṅgu, Vijayanagara officer ... 140
- Śāluvas and Vijayanagaras 141 f.
- Śāmanta, Chāhamāna prince 26
- Samantabhadra, author of the *Yuktya-nusā-sana* 46, 214, f.
- śamānya*, ordinary *pūjā* G. F. 2
- samavasaraṇa* 125, 153, f., 156, ff., 161
- Samayavaram, Kaṇṇanūr 136, f.
- Śāmbapura, Mūltān 18 n.
- Sambhāji, son of Sivāji 78, ff.
- sameli*, a log G. F. 34
- Sanghamita, Saṅghamitra, wife of Ushava-dāta 14
- Sankarāchāriya, Sankarāchārya, Advaita philosopher 216, ff., 295
- Samūgarh, Fathabād, battlefield 74, f.
- Samvat Era, Vikramārka 162
- Sanvatsarī, Jaina festival 145 and n.
- sandhyā* a prayer G. F. 8
- Sandilā, tn. 124 and n.
- Sandusēna, Jaina teacher 215
- Saṅghabhadra, Buddhist monk 170
- Saṅghamittā, daughter of Aśoka 210
- Sanjān grant of Amoghavarsha 240
- Sañjaya era, used in Java 96 n.
- Śaṅkara, commentator 171
- Sankarāchārya, Sankarāchārya 216, ff., 295
- Sankaragaṇa, Kaḷachchūri k. 20
- Sankaragaṇa, noted for liberality, probably a Chellakēṭana chief... .. 42
- Sankrānti days and sun worship G. F. 10
- Sannāha, reputed k. of Java 96
- Sanskrit, literature, and Indian antiquities 1, 3, 4, 8, 9; and tobacco in India 37, 39, n., 40; lang. of the *Mallishēṇa-Māhapurāṇa* 46; or Brāhmī, numerical symbols 49, 51; MSS, in Madras Govt. Library 59; in the Bodleian Catalogue 310, ff.; in Java 96; in inscrips. 108, ff., 113, 174, f.
- Śantanu, k. of Hastinapura 163
- Śāntavīra, Jaina priest... .. 215
- Sapādalaksha, co., probably the Śivālik hills 5; and the Chālukyas 24, ff., 28, and coins, etc. 29 and n., 30, f.
- Saptarshi, the Great Bear ... G. F. 23, 25, ff.
- Śārādā, MS. of the *Rājataranginī* 97
- Saraostos, Surāshṭra, Kāthiāwād 11
- Sarasvatīrītha, and the *Kāvya-prakāśa* ... 208
- Saraswati, goddess G. F. 23 n.
- Sarmālio, g. G. F. 4
- Sarmans, name-endings 32, ff.
- Śārnāth ruins 37
- Sarsavṇī in Barodā, Kalachuri grant found at 20
- Sassanian, coins 25, 179; decoration, and the Tun-huang pictures 300
- sat, essence G. F. 14
- Satārā, A'zam-tārā, Mahrattah cap. 80
- Śātavāhana, or Śālivāhana, dyn., 14, f.; *So to po ho* 212, f.; or Gupta, influence and Buddhism 218
- sātharā*, spot occupied by corpse ... G. F. 32
- sathia*, *swastika* G. F. 15, 17
- Satnāmīs, Hindu sect, rise of 77
- satpati* ceremony G. F. 26
- Satyāśraya, son of Taila II., and hero of the *Gadḍyuddha* 42; or Vishṇuvardhana 43, ff.
- Saudamini, *Vijli*, lightning G. F. 33
- Samillaka, poet 88
- Savālak, Savālak or Śivālik mts., and the Chālukyas, etc. 5, 24, 28
- Śāvantvādī State, tribes in 280
- Savita, Savitri, the sun, or Producer G. F. 6, 7, 13
- sēdi, Chaitya, shrine or temple 212
- Śejiyaṇ, k., and Nequñjeliyaṇ... .. 226
- Senart, M., and the Brāhmī system of notation 55, 58
- Seraman-Perumāi-Nāyaṇār, Chēra k. ... 217
- Śeshagiri Śastriar, the late Prof., on Lakshmidhara... .. 222
- Seshakrishṇa, author of the *Prākṛita-chandrikā* 223
- Seta, Śrī-Setrām, Rāphod prince ... 181, 183
- Sevak and Bhojak Brāhmaṇas in Jodhpur ... 19

- sevakas*, followers G. F. 3
 Sewell, Mr., and the Śrīrangam temple ... 131
Shoq̄b̄hāshāchandrikā, a work by Cherukūri
 Lakshmidhara... .. 219, f., 222, f.
 Shāh 'Abbās II., of Persia, in Qandahār 69; 72
 Shāh 'Alam Maḥammad Mu'azzam ... 79, 81, ff.
 Shahdheri, Takshaśilā 13
 Shāhjahān, Emp., or Prince Khurram 69, f.,
 72, ff., 77; and Gab. Boughton ... 247, f.
 Shāhnawāz Khān Ṣafawī, a father-in-law of
 Aurangzēb 70, 74, 82
 Shahriyār, brother of Shāhjahān 69
 Shāh Sujā' 73, f., 247, 257
 Shāista Khān, Shaw Esta Chawn, Nawab of
 Bengal 250, 257
 Shaktā, Shakti, goddess G. F. 5
 Shāmaghana, a cloud G. F. 27
 Shankhāsūr, demon G. F. 30
 Shashthi-Karma ceremony G. F. 13
Shatachandi sacrifice G. F. 31
 Shaw, Mr., mentioned in song 122
 Shergaḍh stone inscrip. 175, f.
 Shesha, divine cobra G. F. 34, f.
 Shihāb-ud-dīn, Ghori Emp. 181
shikhar, pinnacle G. F. 11
 Shikotar, g. G. F. 3
 Shitalā, goddess... .. G. F. 4
 Shivāji, and Aurangzēb... .. 76, 78, ff.
shivātri day G. F. 23, f.
shodāshopachār, sixteen-fold ceremonial G. F. 26
 Shujā, prince, Shāh Sujā' 73, f.; 247, 249, f.,
 253, 255, ff.
shyāmavarṇa, dark-complexioned ... G. F. 20 n.
Siddhāntasār, a work, and the *swastika* G. F. 14
 Siddhāpura, rock edict 212, 214
 Sihā, Siyā-ji, a Rāṭhod 181, ff.; 301, f.
 Sihabāhu, father of Vijaya 209
 Sihaḷa family, colonised Ceylon 209
 Sikandar, 'Ādil Shāh 79
 Sikhs 121
 silk, paintings on, from Tun-huang ... 300
siṃha, a banner 155
 Siṃhaḷa, Ceylon... .. 209
 Siṃhanandi, Jaina priest 214
 Siṃharāja, author of the *Prākṛita-rūpavatāra*,
 219, 221, 223
Siṃhastha, when Jupiter is in the sign of
 Leo 3
 Siṃhavarma, Pallava k. of Kanchi, and the
 earliest known Śaka date 67
 Sindh inscrip. 28
 Sindhu, riv. 27
 Singasari, in Java, Bhairava figure from ... 94
 Siṇṇamaṇḍr copper-plate charter ... 133, 225, f.
 Siṇṇuttonḍa, Pallava general 216
 Sistan, in Sakastana 13 n
Sikupālavadhā, the, and the *Kāṭatarangiṇī* ... 100
 Siva, g. on coins etc. 17, 21, 23, in Java 94, f.,
 100, 104, 105 n.; cave in Trichinopoly 217
 n.; temples at Bāḍmer, etc. 238, f.
 Śivadatta, Ābhira k. 16
 Śivāji 282
 Śivālaya, Śivasthahāna, Elūrā 237
 Śivālik, Savālak q. v. 5, 24, 28
 Śivamāra II. Gaṅga k.... .. 107
 Śivanandayogin, and Appapya Dikshita ... 222
 Siyaḍonī inscrip.... .. 176
 Skandagupta, Vikramāditya, k. 179
Skanda-Purāṇa, the, and smoking ... 39, f.
 Sleeman, Sir Wm., and *ṭhagē* 295
 Smārta Brāhmins 295
 Smith, V. A., and tobacco in India 37, 392 n., 40
Society, the ship... .. 252
 Soḍāsa, Satrap, date of 13 n.
 Śōlakubavalli, daughter of Kulāsēkhara Peru-
 māl 132
 Śōḷaṇ Ilavandigaipalji-tuṇjīṇa Nalankijī Sēt-
 cheṇṇi, k. 133
 Śōḷaṇ Kulamurattutuṇjīṇa Kilivāḷavaṇ k. . 133
 Solankī, or Chālukya Rājput̄s ... 24, f., 86
 Solar eclipses and sun worship ... G. F. 10
 Soma, scholar 221
 Sōmadēva, and Bhāsa 88
Somavati Amāvāsya 190
 Someśvara I., Chālukya, k. 20
 Somnāth Paṭṭan in Kāṭhiāwād, or Prabhāsa. 14
 Sonebauri, at Aurangābād 152
 Son-Kolis, mixed tribe... .. 149
 songs, about the king of Oudh 61, ff.; from
 N. India, relating to the English 89, ff.;
 Echoes of modern History 115, ff., of the
 Mutiny... .. 123, f.; 165 ff.
 Sōrath, Surāshṭra, in Kathiāwād, conquered. 145
sorro, *surma*, lead-ore G. F. 3
 Soter Megas, k., coin of 179
So-to-po-ho, Śātavāhana 212
 Spalahores, a Śaka 13
 Spalgadames, a Śaka 13, 14
 Spalirises, a Śaka 13
 Śravaṇa Belgoḷa inscrips. 35, 46 and n., 214, 221
 Śrī, q. to Nārāyaṇa 59
śrī, son 194
 Śrī-gadya, and Vaikuṇṭha-gadya 152
 Śrīngēri, record at 139

Śrinivāsapur taluka in Kolār dist., inscrip.	...	...	...	...	112 n.
at ... ..	...	...	...	...	112 n.
Śrīñjaya, reputed k. of Java ... ..	...	...	...	...	96
Śrīpattana, Anhilvād or Anahilla-pattana ...	...	...	...	...	311
Śriperumbūdūr, birth-place of Rāmānuja ...	...	...	...	...	135
Śrīraṅgam, isl., temple on it 311, f., 135, 138, f.	...	...	...	...	...
Śrī-Rāmānuj-āṣṭottara-saṭanāmaṇi, Sanskrit hymnal ... ..	...	...	...	...	152
Śrī-Raṅgānātha temple in Śrīraṅgam ...	...	...	...	...	131
Śrīraṅgānātharāja, priest ... ..	...	...	...	...	138
Śrītapara, cavern ... ..	...	...	...	...	211
Stein, Dr., and the <i>Rājatarāṅgiṇī</i> 97, 99, ff., 164; and the <i>Kāvyaaprakāśa</i> 208; and Indian painting, etc. ...	...	...	...	...	297 and n., 299, f.
Sterne's Eliza, and R. Bouchier ... ..	...	...	...	...	273
Stewart's, Major Ch., <i>History of Bengal</i> ...	...	...	...	...	247 and n., 248, 255 n.
Stevenson, and old Indian numerical symbols ... ..	...	...	...	...	50
Sthāpugūḍhapura, or Tālgund ... ..	...	...	...	...	27
Sthiramati, Buddhist teacher. .	...	...	...	...	215 n.
Sthudhirāṭṭā, vil. in Chemulya, mentioned in the Pātodā grant ... ..	...	...	...	...	240
stobilanthus, Kurinjī plant ... ..	...	...	...	...	68
Subandhu, Bāṇa poet ... ..	...	...	...	...	178, 312
Subbaya, Mr., K. V. and Dravidian cases 171, f.	...	...	...	...	...
Subhadrā, wife of Arjuna ... ..	...	...	...	...	G. F. 14
'Sūdar. a class of bards... ..	...	...	...	...	227
sudarshana-chakra, Vishnu's discus ... G. F.	...	...	...	...	21
sudhakar, sudhā, relating to nectar ... G. F.	...	...	...	...	20, f.
Sudharma ... ..	...	...	...	...	213
Sūdraka, k., and tobacco ... ..	...	...	...	...	38
Sūdras, origin of, etc. ... ..	...	...	...	...	7, f., 10, f.
Suḥbān Qulī, Qilich <i>Khān</i> ... ..	...	...	...	...	71
Sultān Azum ... ..	...	...	...	...	250
Sulaimān Shukoh, son of Darā Shukoh 73, 75	...	...	...	...	...
Sun, worship of, etc. ... ..	...	...	...	...	G. F. 7, ff., 21
Sunaganandi, Jaina teacher ... ..	...	...	...	...	215
Sundara, Śaiva St. ... ..	...	...	...	...	216
Sundaramūrti-Nāyaṇar, Śaiva St. ... ..	...	...	...	...	217.
Sundara-Pāṇḍya, Kūṇ-Pāṇḍya, k. ... ..	...	...	...	...	217
Sundays and sun-worship ... ..	...	...	...	...	G. F. 2, 8, ff.
Suṅga dyn. and the Maurya ... ..	...	...	...	...	11
Sungandavṛitta Kulōttuṅga Soladeva, title of Kulōttuṅga I. ... ..	...	...	...	...	268
Sura ... ..	...	...	...	...	153
surā, liquor ... ..	...	...	...	...	G. F. 21
Suraj-deval temple, near Thān... ..	...	...	...	...	G. F. 7
Surāshṭra, Saraostos 11; and the Gurjara-Pratihāras ... ..	...	...	...	...	87, 145
Sūrat, sacked by Shivājī 76; and the Dutch 80; and the English... ..	...	...	...	...	247, ff., 251, 253, f., 257
Sūra Tissa, brother of Tissa ... ..	...	...	...	...	210
Surdhan, g. ... ..	...	...	...	...	G. F. 4
Suro-pūro, g. ... ..	...	...	...	...	G. F. 4
Sūrya, the Sun ... ..	...	...	...	...	G. F. 7 9, 10 n., 21
Sūryapasthān ceremony ... ..	...	...	...	...	G. F. 8
Suśarmanagara, Nagarkoṭ ... ..	...	...	...	...	34 n
Suśruta, on cigars ... ..	...	...	...	...	38, f.
Sussex, and R. Bouchier ... ..	...	...	...	...	273
sutaki, ceremonially impure ... ..	...	...	...	...	G. F. 22, 26
Svālakṣ, in Jodhpur ... ..	...	...	...	...	5
Svapna-vāsavadattā, newly discovered drama attributed to Bhāsa, ... ..	...	...	...	...	87, f.
swargas, celestial regions ... ..	...	...	...	...	G. F. 37
swastika figure, sathia, origin of, etc. ... ..	...	...	...	...	G. F. 14, ff.
Swāt Valley and the Gūjars ... ..	...	...	...	...	85, ff.
swayamvara, maiden's choice G. F. ... ..	...	...	...	...	27
Sylvain L'evi, M., and the poet Bhāsa ... ..	...	...	...	...	88 and n.
symbols, old Indian numerical ... ..	...	...	...	...	49, ff.
Taila I., Chālukya k. ... ..	...	...	...	...	44
Taila II., Ballaha, patron of the poet Ranna 41, ff.	...	...	...	...	...
Tailapa, the Senior, Chālukya k. ... ..	...	...	...	...	43, f.
Tākhti-Bahi inscrip. ... ..	...	...	...	...	13 n.
Takka, in N. W. India 25; or Tukān ... ..	...	...	...	...	29 n.
Takshaśilā, Greek Taxila, Shāhdheri, ... ..	...	...	...	...	13, f.
Talābhāra ceremony ... ..	...	...	...	...	140
Talaiyālaṅgāṇam, battle ... ..	...	...	...	...	224 ff.
Talañjālaṅgāṇattu-seruveṇṇa-Neduñjeliyaṇ, Pāṇḍya k. ... ..	...	...	...	...	133
talika, tallicaes, bills of entry ... ..	...	...	...	...	252
Talikota, scene of a battle ... ..	...	...	...	...	281, 288
Tālgund, Sthāpugūḍhapura, pillar inscrip. 6, 26, f., 36	...	...	...	...	...
tamāla, tamāku, leaf, and Kali ... ..	...	...	...	...	39, f.
Tāmbapaṇṇi, Lankā, and Vijaya ... ..	...	...	...	...	209
Tamil, in inscrips. 108, ff., 113; literature 131, ff., 172, 216, 241, ff.; lithic monuments 210 n.; poets of Madura, etc. 224, f.	...	...	...	...	...
Tāmrapaṇṇi, riv., Porunai ... ..	...	...	...	...	227 and n.
T'ang, dyn., MSS., of their time ... ..	...	...	...	...	299
Tanjore, and the Chōjas 134, 225 n. and the Nāyaks of Madurā, etc. 281, ff., 286 and n., 288	...	...	...	...	...
Tanyatun, Vidyat ... ..	...	...	...	...	G. F. 32
tārā-bāras day ... ..	...	...	...	...	G. F. 26
Tārānātha and Dharmapāla ... ..	...	...	...	...	240
Taraṅga, Kalhana's Seventh ... ..	...	...	...	...	97, ff.

Tash, Mr., of the E. I. Co.	254	Tirunānaśambanda, Saiva St.... ..	132
Tat̥tah, prob., under Aurangzēb	72	Tirunāvukkarasu, Appar, Saiva St.	216
tauo, an oblation	G. F. 3	Tiruni Lakaṇḍa-Perumbānar, Saiva devotee and musician	228 n.
Tawarikh Mahkma, Jodhpur, and the Śihā Rāṭhoḍ memorial stone	301	Tirupati, Tiruvēngadam or Tirumalai	139
taxes, under the Chōlas, etc., 265, 266 and n.; and the Vijayanagaras	272	<i>Tiruppadiyam</i> hymns	216 n.
Taxila, Takshaśilā, tn, 13, f.; incrip.	51	Tirupparangunṇam, Madura dist., inscrip. at	210
Taylor, Canon, on old Indian numerical symbols	50	Tiruppati, mt.	225 and n.
Tegh Bahādur, Sikh gurū, executed	77	Tiruvālangāḍu grant	133
Tekkeri inscrip.	52	Tiruvālavāy, Madurā	215 and n.
Telugu, lang.	241, ff.	Tiruvallam inscrip.	106
temples, Śaiva 104 n.; Jaina, in Nāḍōl grant 144, f.; at Aihole 162; at Elūrā and Badāmi 237, ff.		Tiruvāḷjaikkalam, Cranganore	217
tētē, marriageable cousins	195	Tiruvārāṅ gattandādi, and Rāmānuja-nuṭra- dādi	152
thagṭ, thuggee, and Sir Wm. Sleeman	295	Tiruveaḷḷagai, temporary home of Rāmānuja	135
thāṅgmī, cousins	196	Tiruvēṅgaḍakkōttam	110, f.
Thomas, Mr., F. W. and Sakastana 13 n.; and old Indian numerical symbols	50, 53	Tiruvilakku-Pichchan, and Tirumaṅgai	132
thunder	G. F. 32, ff.	Tiruvilimilālai, inscrip. at	216 n.
Tibet, and polyandry	191	Tiruvippiramaḍēdu, modern Yerpedu 108, ff. 113, f.	
Tibetan art, and the Tunhuang paintings	306	<i>tiryāñchah, tiryach</i> , lower animals, and soul of	160; G. F. 16
Tibeto-Burman dialects	150, f.	Tissa, Dēvānāmpīya, and Buddhism in Cey- lon	210, f., 213, 218
Tilakodaya, Udayatilaka, scribe	311	Tiṭṭakudi, inscrip. at	140
tili-vrat, vow to the sun	G. F. 7	tobacco, is it indigenous to India	37, ff.
Timma-Gōpa, founded the second Vijayana- gara dyn.	142	Tod, Mr., and the Śihā Rāṭhoḍ	183
Tinaikkattār, Jaina priest	215	Toda, lang.	241
Tinnevely, and the Nāyaks of Madurā, etc. 281 and n., 283 and n., 286 and n., 288		Todālā, goddess	G. F. 4
Tinuvāḍi, in S. India, shrine at	215	toḍi, ornaments	227, ff.
Tirsingharim, Pachbhadrā dist., Rāṭhoḍ in- scrip. at... ..	301	Toḍukaḷarṅkili, Chōla k., and Buddhism	212
tīrtha, sacred water	G. F. 31	Toṇḍaimān, k.	89
tīrtha, four-fold congregation	155, ff.	Toṇḍaimān Ilandiraiyan, ancestor of the Pallavas	134, 213
Tirtham̐karas	155, 157, 160; 214, f.	Toṇḍai-maṇḍalam, and the Muhammadans	138, f.
Tiruchchālal, song by Mānikkavāchagar	216 n.	Toramāṇa, Hūṇa k.	21
Tirukkāṭṭupalli, inscrip. at	142	Torna, modern Fathul-ghaib	80
Tirumalainātha Uttamanambi, at Śrīraṅgam 141, f.		trading privileges to the English in Bengal, grant of	247, ff.
Tirumaiyam, Puḍukkōṭṭai State, record at	136	Traikūṭṭakas, probably a Haihaya sept. 20 and n.	
Tirumalairāja, Sāḷuva k.	141, f.	Tranquebar, tn.	254
Tirumalarāja I., Vijayanagara k., and the Śrutiraiṇāṇi	223	Travancore, and the discovery of the suppo- sed Bhāsa plays	88
Tirumālirūṇjōlai, tn.	135	Treaty of Paris	283
Tirumaṅgai-Āḷvār, St., 132; works of, etc. 134; 217 and n.		Trevisa, Mr., of the E. I. Co	257
tirunadaimāligai, covered enclosure	136	Trichinopoly, and the Sāḷuvas, etc. 141, ff; rock caverns in 212 n.; and the Chōlas	225
Tirunagarī, vil., Āḷvār Tirunagari, or Kur- ugūr	132 and n., 134	n.; and the Nāyaks of Madurā 281 and n., 283, 285, f., 288, f.	
		Tripthagā, the Ganges	G. F. 36
		Trishashṭi-salākāpuruṣa-charitra, quoted 153, f.; 156, f.	

<i>trishûl</i> , trident G. F. 1, ff.	Vaḍugavaḷi, co., under the Bāṇa kings 105, 111, ff.
<i>trivīḍha-dvāra</i> , three doors 301	Vāgbhata, writer, and cigars 38, f.
Trivikrama, grammarian 219, ff.	<i>Vahmana</i> , Vāsudeva, and <i>Bahmana</i> 25
Trojan busts on coins 179	Vaimānikas, goddesses... .. 156, ff., 161
Trumball, Capt., of the E. I. Co. 253, f.	Vaiṣṇava, faith in Java 94 and n.; Ālvārs, etc. 216, ff.
Tulaji Angria, under whom Gheria was lost 273	Vaiśravaṇa, g. in Java 96
Tulsi-vivāha ceremony... .. G. F. 12	Vaiśyas, origin of 7, ff.
Tulu lang... .. 241, ff. 246	Vaitāḍhya, mythical mt. 127
Tuṇaiyīṇkiḷḷi, Chōḷa k., and Buddhism ... 212	Vajñavalkya, on caste intermarriage ... 11
Tun-huang, in C. Asia, Buddhist pictures, etc., from 299	Vajrapāṇi, Bodhisattva, in Java 95
Turki costume of the Kushanas 17	<i>vakkal</i> , status term 280
Turkomans of C. Asia 1, the Royal Rājput Races 4	Vākpati, poet, and Bhāsa 88
Turner, Mr., of the E. I. Co. 254	Valabhi, dyn. 31, f.
	Vallāḷa, Hoysala... .. 137
<i>vāhi-choṭh</i> day G. F. 18	Vālmika, grammarian 219, f., 223
Udaipur, Mewār the Ranas of 86; and Nepāl 150, f.; inscrip. of Aparājita 174	Vaḷugu Chroniele, and Śrirangam 131
Udayendarim grant of Vikramāditya II. 105, f., 131	Vāmana, rhetorician, and Vasubandhu 170, f.; 177, f.; 236; 264; 312
Ūdepur and Aurangzēb 77	Vāṇamantaras, Jaina deities 126
Ujjain, cap. of the Mālwā Kshatrapas 14; inscrip. 30	Vanavāsi, Kadamba cap., and Buddhism ... 212
Umdatl-ul-Umra, in the Carnatic 284	Vāṇa-Vidyādhara, the Bāṇa 105, 109
Una, wife of Shiva G. F. 36	Vāṇavijjadhara-Mahāvali-Vāṇarāya, Bāṇa k., inscrip. of 111
United Company in Bengal 250	Vana-Vyantaras, Jaina deities ... 153, f., 158
<i>Upanishads</i> 295, f.	Varaguna-Varman, Pāṇḍya k. 215 n.
Uraiūr, Nichulāpūri 131, ff.	Varāhamihira, Indian astronomer 18, f.; and foreign tribes in India 31 and n.; 67; 178; 236
Uraiūr, cap. of the Nāyakas of Madurā ... 144	Vararuchi, grammarian 219
Urga-Pāṇḍya, and Neḍuñjelleyan 225	Vardhamāna-Paṇḍita, Jaina teacher 215
Urga-Peruvaḷudi, Pāṇḍya k. 133	Varichechiyar, in Madurā dist., inscrip. at 143; 210
Urvaśi, an Apsaras 9	Varuṇa, g. Jyotishka 153
Ushavadāta, Rishabadatta, or Vṛishadatta, Kshatrapa 14	Vasantgaḍh inscrip. of Pūrnāpāla 239
<i>utār</i> , offering G. F. 3	Vasistha, sage 9; 19; 25
Utpala, commentator 236	Vāsisthiputra Puḷumāyi, Śātavāhana k., and the Kshatrapas, etc. 14, f.; 173
Uttamanambi, Tirumalainātha, and Śrī-raṅgam 139, ff.	Vasubandhu, poet, and Kumāragupta 170, f.; 264
<i>uttarāyana-parvan</i> G. F. 10	Vāsudeva g. 13
Uttuṅgamalla, Vikramāditya 44	Vāsudeva, Kushana k. 17; 25, f. on coins 29 and n.
Uvaṭa, author 178	Vāsudeva, a second note on 236
Ūzbak tribe, and Aurangzēb 71	Vasurāta, author, date of 170
	Vātāpi, Bādāmi, and the Chāḷukyas 43; conquest of 216
Vachhro, Dādā, g. G. F. 4	<i>vatsā</i> , a fictitious creature G. F. 23
<i>vadān</i> , oblation G. F. 2 and n., 4	Vatsarāja, Gurjara k. 86
Vaḍnagar, Ānandapura 34	<i>Vaṭ-Sāvitrī-vrat</i> ceremony G. F. 12
Vaḍuganambi, Āndhrapūrṇa, and the Yatirāja-Vaibhavam... .. 152	Vayiramēgan, Pallava k., and Dantivarman 134; 217 n.

- Vāyu-Kumāras, Jaina deities 126
Vedāṅga, a work by Piṅgala, and the *Chhandovichiti* 177, f.
 Vedantist Schools, three 295, f.
Vedas 8; and Buddhists, etc. 213
vedha, under demon influence ... G. F. 22
 Vêdic sacrifices in S. India 224 and n.
 Velliyambalattu-tuñjina Urga-Peruvaḷudi,
 Pāṇḍyak. 133
 Vêlvikuḍi grant 133, f.; 225, f.
 Venkāḷi, Êkôḷi, Marāṭhā 282, f., 288
 Venkayya, Mr., on inscrip. 105; the Velugu
 Chronicle 121; Tamil lithic monuments 210, f.
 Verasherone, tn. 256
 Verūl, Elāpura, Elūrā 237
 Vichitravīrya, k. of Hastināpura 163
 Vico, Father, on the Nāyaks of Madurā 281, f.
 Victoria, Queen 65
 Vidyādhara, Bāṇa k. 105
 Vidyānanda, Jaina author 46, and Pontiff;
 125; 214
 Vidyāranya, Vidyātīrtha 139
Vidyāranya Smṛiti, a work by Mādhava 269, f.
 Vidyut, Tanyatun, and thunder G. F. 32
 Vīraharāja's Harsha inscrip. 239
 Villivalam, near Conjiveram, Vilvēli 226 n.
 Vijaya and Ceylon 209 and n.; 216
 Vijayabāhu, Vikramāditya II. *alias* Vidyā-
 dhara 107
 Vijaya-Dantivikrama-varman, Dantivarman 106
 Vijayādashmi, Dasarā holiday ... G. F. 29 n.
 Vijayāditya, I., II., III., IV., Bāṇa kings
 105, 107, f.
 Vijayāditya-Vāṇarāya, Bāṇa k. inscrip. of his
 time 109, f., 113, f.
 Vijayālaya, Chōḷa k. 225 n.
 Vijaya Nandivikrama-varman, or Nandi-var-
 man, k. 106
 Vijayanagara, dyn. 139; and the Sāluvas
 142, f.; finance, in S. India 269, ff.;
 defeated 281; 287, f.
viji, saudamini, lightning G. F. 33
 Vikkiramāditta-Māvali-Vānarāya, Bāṇa k.
 inscrip. of 111, ff.
 Vikrama era 13 n.; or Samvat, date of ... 162
 Vikrama, k. G. F. 25
 Vikramachōḷadēva, k. 104
 Vikramāditya I. Bāṇa k. 105, ff.
 Vikramāditya II. 105; *alias* Bāṇavidyā-
 dhara 108; 233
 Vikramāditya II., W. Chāḷukya k. 214; or
 Chandragupta II 312
 Vikramāditya III., Chāḷukya k. 43, f.; VI. 20; 24
 Vikramāditya of Ayodhyā, Skandagupta ... 170
Vikramāṅkadēvacharita, and the *Rājatarāṅ-
 giṇi* 100
 Vikramasingapura, or Nellore 137, f.
 Vimala Śa's temple, mt. Abu 125; 160
 Vimānapatis, Jaina deities 127
vinai, viṇā, musical iustrument ... 127 n., 128 n.
 Vinaya, Buddhist ecclesiastical code... .. 210
 Vinayāditya, Durdharamalla, Chāḷukya k.
 44; his Pāṭodā grant... .. 240
 Vincents, Mr., E. I. Co's servant 251, ff.
 Vindhyavāsa, Īśvarakrishṇa, author 170
vintem, a coin 271
 Viragondagōpāla, and the Pāṇḍyas 138
 Vira—Naraśīngarāja, Hoysala k., perhaps
 Narasimha II. or III; 136; 142, f.
 Virarājendra, Chōḷa k. 136; 265, f., 268
 Vīraśaiva, or Liṅgāyat creed 218
 Virasēna, tutor of Jinasēna 46
 Virasômēśvara, Hoysala k. 136, ff.
 Virūpāksha III. 142; his Ariyur plates ... 149
 Virupanna—Uḍaiyur, Vijayanagara k. 139, ff.
 Visahaṭ, Brāhmaṇa prince of Pālī 182, f.
 Viśaiya Dantivikramavarman k. 105
 Viśākhila, writer on art 177
vishesha, special *pūjā* G. F. 2
 Viṣṇu, g. 94; 100; Nārāyaṇa 296; G. F. 15, 20
 and n., 21
 Viśiṣṭādvaita, School of qualified monism 295
 Viśnagar, tn. 34
 Viśvāmītra and the *Rigveda* 8, 9; 180
 Viśvanātha, author 68
 Viśvanātha Nāyakka... .. 143, f.
 Viśvanātha Pañchānana, writer 219
viverra ichneumon, mongoose 95
 Vizagapatam 256; revenues of ... 271 and n.
 Vogel, Dr., and the *Rājatarāṅgiṇi* 98
 Vonones, founded the Śāka dyn. 13 n.
 Vritrasur, demon G. F. 30
Vṛitti, a work by Trivikrama 219, ff.
 Vyāghrapāṭaka, vil. 21
 Vyantaras, Jaina deities 126; 153-156, 160, f.
 Vyāsa, 9; composed the *Harivaṁśa* 53; 147
 Wājīd Ali Shah, k. of Oudh, Songs of 61, ff.
 Wake, Mr., Gov. of Bombay 273
wakil, vuckell, agent 250, ff.
 Wākinkerah, fort, near Bijāpur 81

Walgrave, Mr., P., Chief of Bengal 250, or Waldegrave 256, f.	Yama, Vana-Vyantara 158
Wallace, Mr., first Collector of Trichinopoly 286 and n.	<i>Yama-Samhitā</i> and the Meds 147
Waterloo, battle... .. 89	Yasāḥkarna, Chedi k. 21
Watson, captured Tulaji Angria 273	Yasodharman, defeated Mihirakula 21
Weber, the late Prof., 17 n.; edited the <i>Pārasīprakāśa</i> 150 and n.	Yates, Capt. of the <i>Hopewell</i> 254
Wema—Kadphises, Kushanak. 17	<i>Yatirāja-Vaibhavam</i> , a note on 152
Whitehill, Mr., E. I. Co.'s chief at Anjengo.. 273	Yavana, Greeks 11, ff.
widow-marriage, among the Rājapūts ... 192	Yerpedu, in Madras, ancient Tiruvippamapēdu 108
Wilks, Col., and Vijayanagara revenue 2,669 and n., 270	<i>yhā</i> , brother 195
Wilson, Thos., of the E. I. Co. 257	Yuan, Chwang, Hiuen Tshang, mentioned Gujarat as Kieuchelo ... 21, f.; 28, 31
Winternitz, Prof. M., and the Bodleian Sans- krit Manuscript Catalogue... .. 310	Yudhishtira, Kaurava Prince 163, f.
	Yuddhisṭhira, Bhāratayuddha and Kaliyuga Eras 162, ff.
	Yugādideva, Rishabhadeva 100
	Yule, Sir H., and Gab. Boughton. 247, f., 255, f.
Yādava and Yamunā 152	Zābulistān Zaulistān 25, 29 n.
Yādavaprakāśa, tutor of Rāmānuja 135	Zainābādī Maḥal, mistress of Aurangzēb ... 82
<i>yajamāns</i> , patrons G. F. 16	<i>Zarmāzaryan</i> ceremony... .. G. F. 13
<i>yajñopavit</i> , investiture with the sacred thread. 190, f.	Zeb-un-nisa Begam, daughter of Aurangzēb... 83
Yakshas in Java 95; in Ceylon 209	Zinat-un-nisa Begam, daughter of Aurangzēb 83
<i>yāl</i> , ancient musical instrument 227 and n., 228 and n.	Zodiac, the signs of G. F. 29
	Zoroaster, Jaratusta and Jaraśasta 18
	Zubdat-un-nisa Begam, daughter of Aurangzēb 83
	Zulfiḳār Khān, Mogul general 283

THE INDIAN ANTIQUARY,

A JOURNAL OF ORIENTAL RESEARCH.

VOLUME XL — 1911.

A. M. T. JACKSON,

BY

R. G. BHANDARKAR, C.I.E., LL.D., M.A., &c.

THE diabolical murder of Mr. A. M. T. Jackson, just as he was about to take up the joint Editorship of this *Journal*, sent a thrill of horror into the hearts of members of both the European and Indian communities throughout India. He was by nature a kind-hearted and sympathetic man, and these traits of character were observable in everything that he did both in his official and private capacity. His charities to poor Brāhmaṇas both of Ratnāgiri and Nāsik, who needed help, were unstinted. I know of one such Ratnāgiri Brāhmaṇa, who was given some nominal work in the library of the Bombay Asiatic Society and was paid regularly a monthly allowance from his private resources. He never spoke an angry or unkind word to anybody, and his general character and conduct were saintly. He was an accurate and enthusiastic Sanskrit scholar, and his critical judgment was sound. He made original researches into the ancient history of India, and the introductory volume of the *Bombay Gazetteer* and his other papers and occasional notes contain the results of these researches. He successfully identified the cities and towns in India mentioned by Greek and Roman authors. He pointed out that the Turkomans of Central Asia settled in the western part of India and adopted Hindu civilisation. He also threw very great light on the origin of the Gujars. He showed that they were a foreign race, that had established a powerful kingdom over the whole of Rājputānā and further to the north-east up to Kanauj. The Gujars were in power from the first quarter of the seventh to about the end of the tenth century, and were constantly at war with the princes of the Chālukya and Rāshtrakūṭa races that ruled over the Marāṭhā and Kanarese countries. Mr. Jackson put forth a very original and correct idea as regards the nature of the *Purāṇas*, which awaited further development at his hands. His paper on this subject has appeared in the centenary volume of the Bombay Asiatic Society, and will well repay perusal. He has also contributed several papers to the ordinary volumes of that *Journal*. His essay on 'Method in the Study of Indian Antiquities' shows a very wide knowledge not only of epigraphy and numismatics, but also of a number of other lines of research. This is calculated to be of great use to Indian students; and he also projected for their use a handbook to the study of Sanskrit literature and Indian Antiquities. To sound scholarship, Mr. Jackson added modesty and sobriety of thought and expression—a combination rarely met with amongst scholars. He freely and fully acknowledged all the good that he found in the writings of native Indian scholars. He often complained that his official duties left him little time for his favourite studies, and I had great hopes that after his retirement from service he would be able to apply himself to them with zeal and ardour, and to throw light upon many a knotty point in Sanskrit literature and Indian Antiquities. The loss that the horrid deed of a fiendish young man inflicted on the cause of Indian research is incalculable.

A. M. T. JACKSON,

BY

D. R. BHANDARKAR, M.A.

(POONA.)

It is now just a year since the tragic end of Mr. A. M. T. Jackson took place. I heard and read about it on the 27th of December 1909, when I was in Jaipur, and the news was as surprising to me as it was shocking, because only the day previous I had received a letter from him regarding the book he and I were to bring out. Ample, though certainly not full, justice has been done to this departed worthy in his capacity as District Collector and friend of Hindus in the obituary notices that appeared in various journals and the meetings of condolence that were held at various places. But even this much justice, I am afraid, has not yet been done to him as an antiquarian and scholar. His sympathy and "milk of human kindness" have indeed made a deep impression on the minds of the natives of India that came in contact with him, but his death has also created a gap in the antiquarian world, which it is hard, perhaps, impossible, to fill.

In 1898 when I had just begun my study of Indian Antiquities, I found that every European Officer in the Bombay Presidency spoke very highly of Mr. Jackson as an antiquarian and scholar. And for a long time I wondered why he was at all so called. For no articles of his I had then seen in the *Indian Antiquary*, or the *Journals* of the London and Bombay Asiatic Societies. A happy accident, however, once led me to open the *Bombay Gazetteer*, Vol. I, Part I. I happened to read the preface written by the late Sir James Campbell, who has therein acknowledged the great assistance given him by Mr. Jackson. On glancing over the pages of that volume, I noticed that, in the text and at the close of almost every chapter therein, he had contributed notes, embodying his own opinion and pointing out where he differed from Pandit Bhagwanlal Indraji. Again, the greater and important portion of Appendix III and the whole of Appendix VI, to that volume had come from his pen. I read and re-read all these notes and articles very carefully, and I must say, with the greatest possible interest, and much it grieved my mind to think that I once disputed Mr. Jackson's claim to be called an antiquarian. Mr. Jackson, I then found, was not a mere antiquarian, but an antiquarian and scholar of a very high type; and he was what we in Marāṭhī say "a hidden jewel."

Yes, a hidden jewel he was for a long time, and even now most antiquarians have not perceived his full worth and the high quality of his work. The reasons are not far to seek. He wrote his notes in books which the generality of antiquarians do not even dream of reading. The *Bombay Gazetteer* is a model for all other Governments in India to imitate in composing their Gazetteers, and the credit of bringing this series to perfection is principally due to the late Sir James Campbell, another antiquarian civil servant like Mr. Jackson himself. I even go further and assert that nobody can pretend to be an Indian antiquarian without reading at any rate the two parts of the first volume of this Gazetteer. Yet how few antiquarians have actually read them or even known that they are a mine of antiquarian information! Another thing is that Jackson, like the English poet Keats, died before his pen could glean his teeming brain. As a civil servant, he was thoroughly conscientious in his work, as most are. He never neglected his official duties for writing articles

concerning "Indian Antiquities," though that was a subject of surpassing interest to him, and consequently of more than sufficient strength to tempt him away from his office work. Everybody knows how great and almost insupportable is the pressure of work to which the "civilians" are, as a rule, subjected, and my wonder is how, in spite of it, he managed to write some papers and notes that he latterly contributed to the *Journals* of the London and Bombay Asiatic Societies. A small incident that just now occurs to my mind may here be told, which shows how wedded he was to his duty. In *Bombay Gazetteer*, Vol. I, Part I, he had published his transcripts of inscriptions found in Bhinmâl, in the southern part of the Jodhpur State, which is believed to be the capital of the ancient Gurjara kingdom. I do not know on what paper impressions his transcripts were based, but in 1907, when I had been to Bhinmâl, I found that there were several misreadings. Accordingly I took as excellent impressions as possible of the inscriptions and, with the permission of the Government Epigraphist, forwarded them to him at the end of that year, with a request that they may be re-edited in the *Epigraphia Indica*. He promised to re-edit them with the greatest pleasure and alacrity. I afterwards met him last year in the Wilson Hall, where he had been requested to be president at the time of my lecture on an antiquarian subject. I asked him in the course of our conversation whether he had completed his paper on the Bhinmâl inscriptions. He replied in the negative and probably saw that I was a little surprised. But he coolly added: "Mr. Bhandarkar, duty first and everything else afterwards! I have been hard pressed with work in connection with the *Sinhastha*. When the *Sinhastha* is over, rest assured that the paper will be finished and sent to the Epigraphist." Such was Mr. Jackson's devotion to his duty, and such were the arrangements made at Nâsik under his direct supervision at the time of the *Sinhastha*, complicated and delicate though they were, that nobody could say that there was left anything to be desired. I confess, I was sorry that Mr. Jackson was in the Civil Service, for that left him little time for studying and writing original papers. Dr. Bhandarkar had fully gauged Mr. Jackson's worth, and was very very sorry that he could not make himself more useful and valuable in this sphere. Several times Mr. Jackson himself complained to him that he had no leisure, but seriously promised to devote himself after his retirement to the cause of Indian research. It was only last year that he became co-editor of this *Journal*, and Dr. Bhandarkar and I were immensely glad that an opportunity had at last come for inducing him to seize time somehow to put down in original and erudite papers what he had stored so long in his head. We were consequently full of high hopes about him. But alas! he was cruelly done unto death. The shock this sad event produced on our minds can only be imagined. We at once agreed that we felt it as much as a family bereavement.

I have said again and again that Mr. Jackson was an antiquarian and scholar of a high order. So I shall naturally be asked to substantiate my assertion. In the first place, I would refer those who doubt this to Mr. Jackson's "Method in the Study of Indian Antiquities," which was originally a lecture delivered by him at the Wilson College, Bombay, in 1907, and printed since in the *Times Press* and reprinted afterwards in this *Journal* for March, 1910. Mr. Jackson therein shows his thorough acquaintance with all branches of Indian literature and Indian antiquities, and offers some valuable suggestions for the further progress of each branch. This stamps him at once as an Indologist and not as a mere antiquarian or scholar. He had studied not simply Sanskrit literature or Indian archæology, but also comparative philology, ethnology, folklore

and so forth. One passage from this booklet, which occurs at the end, is so superb that Dr. Bhandarkar last year gave, by reading it out, a finishing touch to his lecture on the "Fusion of foreign tribes in Hindu Society during the pre-Muhammadan period." It runs thus:—"It remains to refer to certain kinds of mental bias that are apt to affect the judgment in questions of Indian history. There is, in the first place, what may be called the patriotic bias, though it is shared more or less by European as well as Indian scholars. It shows itself in a tendency to exaggerate the freedom of India from foreign influences, and to claim entire originality for such inventions as the Indian alphabet, which bear their foreign origin on their face. This school loves to trace the leading castes of the present day to an Aryan origin, and to accentuate the Hindu orthodoxy of the kings and conquerors of old. When these are looked upon as Hindus from the beginning, the most important fact in Hindu history is overlooked. I mean the attractive power of Hindu civilisation, which has enabled it to assimilate and absorb into itself every foreign invader, except the Moslem and the European. Those Indians have indeed a poor idea of their country's greatness, who do not realise how it has tamed and civilised the nomads of Central Asia, so that wild Turkoman tribes have been transformed into some of the most famous of the Rajput Royal races."

How thoroughly conversant Mr. Jackson was with Sanskrit literature may be seen from his paper on "Epic and Puranic Notes," which is published in the centenary memorial volume of the Bombay Asiatic Society. In this connection may also be mentioned his short, but most thoughtful note on the *Harivaṃśa*, which he contributed to the *Journal of the Royal Asiatic Society, London*, for 1908, page 529 ff. He had also contemplated writing an article on a passage from the *Nirukta*. In one of his letters to me he says: "I am also at work on a passage of the *Nirukta* which seems to me to have been misunderstood by German scholars and to be one main source of their prejudice against Sāyaṇa and the native commentators generally." But Mr. Jackson was not spared to complete this paper. He, however, did far greater work in the field of epigraphy and ancient history of India. His erudition and soundness of work are patent to any one who reads the notes which, as I have said above, he wrote in the body or at the close of almost every chapter in the *Bombay Gazetteer*, Vol. I., Part I. Appendix VI to this volume, which is devoted to the Early Greek and Roman references to Western India was also written by him, contains several original and thoughtful remarks, and is always worth reading in conjunction with McCrindle's translations. In Appendix III, he establishes the existence of a great Gurjara Empire, and suggests the Gurjara origin of some of the greatest Rājput classes. This paper interested me most, and set my thoughts going, which were finally reduced to writing in two papers, the views expressed in which have now been countenanced by all antiquarians of repute. I cannot but think that if I had not read this article of Mr. Jackson's and not written these two papers of mine, his views would not have attracted the attention they deserved, and I am, therefore, very glad of being thus the instrument of disclosing the "hidden jewel." When our theory about the Gurjara kingdom was accepted by scholars in Europe, he wrote to me once saying "Our Imperial Pratihāra kings are coming to their own again at last."

I cannot, however, help saying that his head contained far more information critically sifted and carefully stored than any papers he found leisure to write. This was always the impression of those who had either a personal conversation or correspondence with him. To show that his knowledge far transcended that actually embodied in his notes or papers, I shall cite two or three instances, knowing for certain that they will be useful to antiquarians. When I was engaged

in writing my paper on the Gurjaras, I sent him a letter giving out a summary of my views and asking him what he thought about them. This was the reply he sent: "Many thanks for your letter. I should not be much surprised to learn that the Mahodaya Dynasty also were Gurjaras, but I still think (till I see your evidence) that Bhinmâl must have been their centre, at all events till the great extension of their power took place early in the 9th century. I believe the Chohâns, Parmârs, Parihârs and Solankis were all of Gurjara origin, though doubtless they also included other Central Asian elements. For instance I would connect the Hârâ Chohâns with the Hâra Hûnas." I think Mr. Jackson's explanation of the name Hârâ, a sub-division of the Chohâns, by connecting it with the Hâra Hûnas, whose existence is attested by the *Mahâbhârata*, is far more acceptable than any legends that are often cited to account for it. In my paper on the Gurjaras, I had called in question the identification of Yuan Chwang's *Pi-lo-mo-lo* with Bhinmâl, but, on thinking about the matter again, I have at last come to the conclusion that the identification upheld by Mr. Jackson is correct. Again, when I sent him a copy of my first paper on Lakulîśa, this is what he wrote: "Very many thanks for the copy of your paper on the Eklingji Inscription. You have successfully proved that the origin of the Lakulîśa sect must be dated not later than the early centuries of the Christian era. The history and relations of the Śaiva sects form an interesting but difficult subject, which cannot be fully dealt with unless account is taken of the vernacular literature of Southern India, especially the Tâmil works, some of which go back to at least the 7th century, while a few may be some centuries older. We, who are accustomed to look at Indian history from a 'Gauḍa' point of view, are perhaps apt to overlook the 'Drâviḍa' evidence, which is not very easy to follow, now that the discontinuance of the *Madras Journal of Literature and Science* has deprived the Indian scholars of the south of their natural central organ. I cannot pretend to be able to give you a bibliographical list, but you will find one or two papers in the *Indian Antiquary*, some remarks in Hultzsch's *South Indian Inscriptions*, and Mr. Pillai's book 'The Tamils 1800 years ago,' worth considering in this connection. I believe also that much valuable work has been published by Indian scholars in the *Madras Christian College Magazine* and other similar periodicals." Mr. Jackson no doubt gave me a hint here that I should take up this work of writing out the history and relations of the Śaiva sects upon the lines suggested by him. Such a paper would have been highly interesting and important for the history of religious sects in India. But I am sorry to confess that I have found absolutely no time for it, as one-half of every year I have to spend in touring and of the remaining half no less than four months have to be spent in writing out our Annual Progress Report and doing other work in connection therewith. Would that some young scholar like myself, whether Indian or European, would undertake this work! Though I could not attend to this hint of Mr. Jackson's, I am glad I have been able to follow another suggestion that he threw out nearly four months before his diabolical murder. About the middle of August 1909, I sent him copies of my papers, among which was my article on the Chitorgaḍh *praśasti*. With regard to it he writes: "You refer to the name Sapâdalaksha in your paper in the Chitorgaḍh *praśasti*. I still believe it refers to the Śivâlik hills, which were, I think, the earliest seat of the Chohâns who later moved on to Amber. This is indicated by the distribution of the Chohân class of Gujars, and if I remember rightly, 'Sapardalakshan' is found as the name of a province on some Indo-Sassanian coins (see Rapson). The Svâlakh in Jodhpur territory I should take to have been named after the more extensive territory further north. The close relationship between the sub-Himalayan dialects and Râjasthâni I put down to the presence of Gujars (in the

south transformed into Rajputs) in both." How true and erudite the words are ! What a versatile reading also ! His idea will be found, gladly seized and developed by me in my paper on the " Foreign elements in the Hindu population " which follows this. About the beginning of September 1909 I sent him proofs of my paper on the Guhilots for his favour of opinion. And this was what he wrote : " You have undoubtedly proved your case as to their being Nāgar Brāhmaṇs, and I think it very probable that they belonged to the Maitraka swarm of invaders. As another case of a family of kings claiming Brāhmaṇ descent I would note the Kadambas (see the Tālgund pillar inscription). I have little doubt you are right in regarding the Brahma-Kshatriis as Brāhmaṇs, who have adopted a Kshatriya mode of life. But I do not think it is possible to point to any particular time when the caste system became a rigid one. In theory it was always rigid (subject in early times to the permission to the higher twice-born castes to take wives from the lower) while in practice it was very elastic, owing to the legal fictions by which tribes originally non-Hindu were regarded as Hindus who had neglected their proper rites and ceremonies, but could be brought back into the fold on repentance." In short, the more I think of the valuable hints he threw out from time to time, the more I think that his powerful and critical brain contained far more than what he actually had time to write down. Truly has Dr. Bhandarkar said : " The loss that the horrid deed of the fiendish young man inflicted on the cause of Indian research is incalculable." And I cannot help exclaiming at this moment :—

Jackson ! thou shouldst be living at this hour :

Savants have need of thee.

About the middle of August last year I delivered a lecture, as I have said above, in the Wilson Hall when he was president. At the close of my lecture he addressed the students in the capacity of the president. He regretted that the volumes which our Archæological Department was issuing were very expensive, and were thus beyond the reach of men of limited means. He also desired me to write a book to attract the Indian students to the study of Indian Archæology. A few days after, I wrote to him and asked what sort of book he wished me to write. He replied : " As regards the book on Archæology which I suggested your writing, I have had in mind for a long time the need for something intermediate between Bübler's *Grundriss* and a Hand-book for High School students similar to your Introduction to school classics. The class I aim at reaching is the University student, and I would arrange the subjects more or less on the lines which I followed in my lecture on Method. If you should be willing to join me in such an undertaking, by writing the sections on Architecture, Epigraphy, Iconography and Numismatics, we might discuss the details at leisure. The book must not be too large and must be cheap, to reach the class in question, and moreover it must be illustrated, at any rate, with outline drawings of typical buildings and sculptures." We had thus intended bringing out a " Hand-book for University Students," giving in a small compass elementary notions about the different branches of Indian Research. Need I say I was proud of having the prospect of working in conjunction with a scholar, whose knowledge of Sanskrit literature and Indian antiquities was as deep as it was sound ? We had very nearly settled the chapters we were separately to write, when the news of his cruel murder reached my ears. In the words of Mr. Enthoven, a most intimate friend of Mr. Jackson, " the Nasik tragedy is a grievous affair. We have lost a scholar, a kind-hearted friend, and one who took a warm interest in India. Few had such a grasp of the intellectual life of the country, past and present, and there was hardly a less suitable victim for the insane passion of these political fanatics. "

FOREIGN ELEMENTS IN THE HINDU POPULATION.

BY D. R. BHANDARKAR, M.A., POONA.

[In 1904 I was selected by the University of Bombay to deliver lectures in connection with the Bhagwānlāl Indrājī Lectures Series. One of these lectures was concerned with foreign elements in the Hindu population. For a long time I had intended publishing it, but it remained a mere intention without being transformed into action. Sir Richard Temple contemplated issuing a special number of the *Indian Antiquary* in memory of the late Mr. A. M. T. Jackson, whose tragic end all scholars and antiquarians sincerely mourn, though perhaps not so deeply as I do. We often had a chat and correspondence on a variety of antiquarian points; and I was, therefore, in a position to know that though he was conversant with all branches of Indology, yet in no subject was he more deeply interested than the one with which the present paper deals. I had thus deemed it to be my duty to revise my lecture, and prepare it for publication specially for the memorial number. But though the idea of issuing such a number has now been abandoned, I here publish my article and dedicate it to the memory of that illustrious scholar and antiquarian, whose saintly features will no longer delight our eyes.

In this paper I have handled the subject principally from the epigraphic point of view, and intend supplementing it, if time be found, by another where the question will be treated chiefly in the light of ethnological researches. I need not say that the contents of the lecture, which was delivered six years ago, have been modified and amplified wherever necessary, and that this paper has been made to embody the latest information that is available to me.]

From the orthodox point of view, the Hindu society is split up into the four main castes :— Brāhmaṇas, Kshatriyas, Vaiśyas, and Sūdras. The Brāhmaṇas occupy the highest grade, because they sprang from the head of the Supreme Being; next in rank are the Kshatriyas, who were produced from his arms; after them come the Vaiśyas, who were generated from his thighs; and lastly come the Sūdras, who were relegated to the lowest rank as they sprang from his feet. The highest and most ancient authority that is adduced in support of this belief is the well-known *mantra* from the tenth *maṇḍala* of the *Rigveda*, which runs as follows :—

ब्राह्मणोऽस्य मुखमासीद्बाहू राजन्यः कृतः ।
अरू तदस्य यद्वैश्यः पद्भ्यां शूद्रो भजायत ॥

Maṇḍala X, 90, 12.

Translation.

The Brāhmaṇa was his mouth, the Kshatriya was made his arms, what is called Vaiśya (was) his thighs, (and) from his feet sprang the Sūdras.

The following verse from Manu is also quoted as a further authority in favour of the belief :—

लोकानां तु विद्वद्धर्षे मुखबाहूपरतः ।
ब्राह्मणं क्षत्रियं वैश्यं शूद्रं च निर्वर्तयत् ॥

Cap. I., v. 31.

Translation.

But for the propagation of the worlds, he caused the Brāhmaṇa, the Kshatriya, the Vaiśya, and the Sūdra to issue from his mouth, arms, thighs and feet respectively.

This has been the belief prevalent all over India. But whereas in north India all these castes are generally supposed to be still extant, in south India the Brāhmaṇas and the Sūdras are regarded as the only two castes now existing, the remaining two—the Kshatriya and Vaiśya—being supposed to have been long since extinct. Thus the *Sūdrakamalākara* says :—

ब्राह्मणाः क्षत्रिया वैश्याः शूद्रा वर्णास्तयो द्विजाः ।
युगे युगे स्थिताः सर्वे कलावाद्यन्तयोः स्थितिः ॥

Translation.

The Brâhmanas, Kshatriyas, Vaiśyas, and Sûdras are the (four) castes ; the (first) three are the twice-born. All exist in every *yuga*, (but) in Kali the first and last (only) obtain.

In order to substantiate the above doctrine the following verses from the *Bhâgavata* are often quoted :—

महापद्मपतिः कश्चिन्नन्दः क्षत्रविनाशकृत् ।
ततो नृपा भविष्यन्ति शूद्रप्रायास्त्वधार्मिकाः ॥ ८
स एकच्छत्रां पृथिवीमनुल्लेधितशासनः ।
शासिष्यति महापद्मो द्वितीय इव भार्गवः ॥ ९

Bhâgavata, Skandha XII.

Translation.

(8) A certain Nanda, the lord Mahâpadma, will cause the destruction of the Kshatriyas. Thereafter the kings will be well-nigh Sûdras and impious.

(9) That Mahâpadma, with his commands not transgressed, will rule over the earth under one (royal) parasol, as if he were a second Bhârgava.

Here the Nanda prince, Mahâpadma, is compared to Bhârgava or Paraśurâma, and is said to have destroyed the Kshatriyas ; and the kings that succeeded him are spoken of as having been Sûdras. The *Bhâgavata-purâṇa* is thus considered as pointing to the annihilation of the Kshatriya caste after the Nandas.

But whether we regard all these four, or only two, castes as at present existing, there are numerous other castes ranging between them, which are said by the Hindu legislators to have sprung from intercourse between persons of two different castes, either by the *anuloma* or the *pratiloma* method. The marriage of a male of any one of the four castes with a female of the lower caste is styled *anuloma*, whereas that of a man with a woman of the higher caste is called *pratiloma*. Though such marriages appear from the works on Hindu law to have once been in vogue, still the issue of such marriages was always relegated to a lower rank. It has consequently been argued that the higher castes at any rate of the Hindu population maintain their purity of blood to the present day, and that it is only the lower castes where an admixture of blood can at all be supposed to have taken place. A Brâhmana, Kshatriya or Vaiśya has been a Brâhmana, Kshatriya or Vaiśya since the days of the *Rigveda* when the hymn, from which a verse has been cited above, was composed. Again, it is held by many that Hinduism is a non-proselytising religion, that a Hindu means an individual born of Hindu parents and not converted to Hinduism, and that, consequently, Hinduism was always a barrier to foreign races being incorporated into Hindu society. Many will naturally, therefore, ask themselves : how we can at all talk of any foreign element contained in the higher Hindu castes ? Let us, therefore, see how far this popular belief is tenable. But let us, in the first place, see whether Sanskrit literature itself contains any statements, which run counter to this view.

To an orthodox Hindu the most sacred works are, of course, his Vedas. Of these the *Rigveda* is considered to be the earliest. It consists of ten parts called *maṇḍalas*. Some of these contain hymns composed by different individual *rishis*. Now, who were the authors of these hymns ? Were they all Brâhmanas ? Most certainly not. The third *maṇḍala* of the *Rigveda* was composed by Viśvâmitra and his family, and every Hindu knows that Viśvâmitra originally was not a Brâhmana, but a Kshatriya. The authors of the forty-third and forty-fourth hymn of the fourth *maṇḍala* were Ajamîḍha and Puramîḍha. That these were Kshatriyas will be seen from the following verse from the *Vishṇu-purâṇa* :—

बृहत्क्षत्रस्य सुहोत्रः सुहोत्रादस्ती य इदं हस्तिनापुरमारोपयामास ।
अजमीढ-द्विमीढ-पुरुमीढास्त्रयो हस्तिनस्तनयाः । अजमीढात्कण्वः
कण्वान्मेधातिथिर्यतः कण्वायना द्विजाः ॥

Amśa IV., Cap. 19., v. 10.

Various other hymns were composed by Kshatriyas, and this subject is no better treated than in Dr. Muir's *Sanskrit Texts*, Vol. I, to which the reader is referred. But it will be said that although it may be established that some hymns were composed by Kshatriyas, it does not touch the question of the admixture of blood, unless these Kshatriyas are shown to have risen to the rank of the Brāhmaṇas. It is not, however, difficult to prove this. With regard to Viśvāmitra's change of caste, the following verse from the *Anuśāsana-parvan* of the *Mahābhārata* is worth quoting:—

ततो ब्राह्मणतां जातो विश्वामित्रो महातपाः ।

क्षत्रियः सोऽप्यथ तथा ब्रह्मवंशस्य कारकः ॥

Translation.

“Then Viśvāmitra of great religious austerities attained to the state of a Brāhmaṇa. Although a Kshatriya, he became the founder of a Brāhmaṇa family.”

Here then is a verse which distinctly says that Viśvāmitra was originally a Kshatriya, but afterwards became not only a Brāhmaṇa, but the founder of a Brāhmaṇa family. This family is the well-known Kauśika *gotra*. Brāhmaṇas of this *gotra* are as much Brāhmaṇas as Brāhmaṇas of any other *gotra*. We thus have a clear instance before us of the fusion of Brāhmaṇa and Kshatriya blood. From Ajamiḍha also, referred to above, sprang Kaṇva; Kaṇva's son was Medhātithi, from whom the Kāṇvāyana Brāhmaṇas descended. And yet Ajamiḍha was a Kshatriya! Many other instances of this nature have been culled together by Dr. Muir in his valuable book, and I, therefore, refrain from adducing them here. Similarly, instances are not wanting of men of the Vaiśya caste having become Brāhmaṇas. To cite one of these, the following verse from the *Harivaṃśa* may be given:—

नाभागरिष्ठपुत्रौ द्वौ वैश्यौ ब्राह्मणतां गतौ । ६२८

Translation.

“The two sons of Nābhāgarishṭha, who were Vaiśyas, attained to the state of Brāhmaṇas.”

Not only men of the Kshatriya and Vaiśya, but also men of the lowest castes are recorded to have become Brāhmaṇas. Amongst the Brāhmaṇas of the present day, Vasishṭha *gotra* is looked upon as pure as any other. The originator of this *gotra* is believed to have been the sage Vasishṭha, with whose name the seventh *maṇḍala* of the *Rigveda* is associated. But what was the origin of this Vasishṭha himself? The following verse from the *Mahābhārata* throws light on this point:—

गणिकागर्भसंभूतो वसिष्ठश्च महामुनिः ।

तपसा ब्राह्मणो जातः संस्कारस्तत्र कारणम् ॥

Translation.

“The great sage Vasishṭha was born of the womb of a harlot, but became a Brāhmaṇa by religious austerities. Training of the mind is the cause of it.”

This account agrees with, and is probably a later development of the tradition contained in the eleventh verse of the thirty-third hymn of Vasishṭha's own *maṇḍala*, i.e., the seventh *maṇḍala* of the *Rigveda*. This verse speaks of Vasishṭha as having sprung from Urvaśī, an Apsaras, i.e., a courtesan of the gods. Such was the vile extraction of Vasishṭha, and yet he was the founder of a Brahmanic *gotra*, second to none in purity. A low origin is likewise attributed not only to the sage Parāśara, but also to Vyāsa, the reputed compiler of the *Mahābhārata*. A verse from the *Vanaparvan* of this epic says:—

जातो व्यासस्तु कैवर्त्योः श्वपाक्यास्तु पराशरः ।

बहवोऽन्येऽपि विप्रत्वं प्राप्ता ये पूर्वमद्विजाः ॥

Translation.

“Vyāsa was born of a fisherwoman, and Parāśara of a *chāṇḍāla* woman. Many others, who were originally not twice-born, became Brāhmaṇas.

What is the upshot of these quotations? Not only the two higher castes, *viz.*, the Kshatriyas and Vaiśyas but also the lowest castes, such as fishermen and *chandālas*, in short, all castes and classes, have contributed to the formation of the Brāhmaṇa caste, *i.e.*, the caste now recognised to be the highest and purest in India! Most of these quotations are taken from the *Mahābhārata*, which is regarded by the Hindus as so important and sacred that it has been called the fifth *Veda*. And it is this fifth *Veda* that we have mostly relied upon for tracing some of the sources of the Brāhmaṇa caste just referred to. Perfectly true is the Marāṭhī adage नदीचें पाहूं नये मूळ आणि ऋषीचें पुसूं नये कूळ (neither should the source of a river be sought for, nor the origin of the *Rishis* be investigated).

It may be said that after all the *Mahābhārata*, from which the above quotations are made, is a conglomeration of legends, which are not of much historical importance, though they cannot be objected to by an orthodox Brāhmaṇa and consequently may be adduced to silence his preposterous pretensions to purity of origin and the consequent highest place in Hindu society. Let us, therefore, see what the Hindu law-books tell us, and here also I shall touch on one point only. In Cap. IV of the *Yājñavalkya-smṛiti* occurs this verse:—

जात्युत्कर्षो युगे ज्ञेयः पञ्चमे सप्तमेऽपि वा ।
व्यत्यये कर्मणां साम्यं पूर्ववचाधरोत्तरम् ॥

The translation of the first line, with which we are chiefly concerned, is this: "The exaltation of a caste in the *Kaliyuga* should be understood to take place in the fifth or seventh generation." The sense of it has been made lucid by Vijñāneśvarabhaṭṭa in his celebrated commentary on this *smṛiti* entitled the *Mitāksharā*. A part of his gloss on the first line runs as follows:—

व्यवस्था च ब्राह्मणेन शूद्रायामुत्पादिता निषादी सा ब्राह्मणेनो-
दा दुहितरं काञ्चिज्जनयति ॥ सापि ब्राह्मणेनोदा अन्यामित्यनेन
प्रकारेण षष्ठी सप्तमं ब्राह्मणं जनयति ।

Translation.

"The settled rule is (this): a Nishādi is produced by a Brāhmaṇa from a Śūdra female; she (*i. e.*, the Nishādi), if married by a Brāhmaṇa, produces a certain girl; even she (*i. e.*, the girl), if married by a Brāhmaṇa, produces another (girl)—in this manner the sixth (girl) produces the seventh Brāhmaṇa (male)."

Now, what does this mean? A Brāhmaṇa marries a Śūdra woman, and a certain female offspring is produced. This last marries a Brāhmaṇa, and a second female offspring is produced. This last marries a Brāhmaṇa, and a third female offspring is produced, and so on. In this manner, if the sixth female offspring marries a Brāhmaṇa and has a male issue, this issue is looked upon as a Brāhmaṇa in no way differing in point of status from other Brāhmaṇas.

A verse of exactly the same import occurs in the *Manu-smṛiti* also. It is:—

शूद्रायां ब्राह्मणाज्जातः श्रेयसा चैव जायते । अश्रेयाच्छ्रेयसीं जातिं गच्छत्या सप्तमाद्युगान् ॥

Cap. X, v. 64.

Translation.

If (a female of the caste) sprung from a Brāhmaṇa and a Śūdra female, bear (children) to one of the highest caste, the inferior (tribe) attains the highest caste within the seventh generation.

Most of the commentators on Manu interpret this verse in precisely the same manner, in which the verse, from *Yājñavalkya-smṛiti* quoted above has been construed by Vijñāneśvara. But there are at least two commentators, who put a somewhat different, but even more favourable, interpretation on the verse. According to them, what Manu has ordained is that "if a Pārasava, the son of a Brāhmaṇa and of a Śūdra female, marries a most excellent Pārasava female, who possess a good moral character and other virtues, and if his descendants do the same, the child born in the sixth generation will be a Brāhmaṇa."

It is idle to suppose that the Indian law-books at any rate would deal with imaginary cases regarding castes. The consensus of opinion among learned scholars is that they but record the local customs of the various parts of the country. When, therefore, Manu and Yājñavalkya lay down that the offspring of a Śūdra female from a Brāhmaṇa becomes a Brāhmaṇa in the seventh generation, only one conclusion is possible, *viz.*, that Śūdra blood runs through the veins of the Brāhmaṇas of the present day, if they are descendants of the Brāhmaṇas of the time of Manu and Yājñavalkya.

It is, however, the inscriptions that throw the best light on this question, and actually enable us to trace what foreign tribes were incorporated into Hindu society. As inscriptions are contemporary records, their historical accuracy cannot be questioned or their importance overrated. Indian epigraphy commences with the reign of Aśoka, the Buddhist emperor of India. In his Rock Edict XIII occur the following words¹:—

एसे च मुखमुते विजये देवानप्रियस यो धर्मविजयो । सो च पुन लघो
देवानप्रियस इह च सर्वेषु च अंतेसु आ छसुपि योजनसतेसु यत्र अंतियोको नाम
योनराजा परं च तेन अंतियोकेन चतुरो राजानो तुरमाये नाम अंतिकिनि नाम
मक नाम अलिकसुंदरो नाम ।

Here five princes are named, *viz.*, Aṁtiyoka, Turamāya, Aṁtikini, Maka and Alikasundara. They have been universally identified with the Greek kings: Antiochos Soter, king of Syria; Ptolemy Philadelphos, king of Egypt; Antigonos Gonatas, king of Macedonia; and Alexander, king of Epirus². Now, it is worthy of note that Antiochos is herein called *Yona-rājā*, *i.e.*, the Yavana king. Yavana was, therefore, a term used in ancient times, to denote the Greeks, and was perhaps in the first instance, the Indian form of the word Ionian³. The Greeks first penetrated into India with Alexander the Great, but their supremacy about this time was short-lived, as it was completely overthrown by Chandragupta, the founder of the Maurya dynasty, soon after Alexander's death. But though the Greeks were thus driven out of India, they maintained their power east of Persia and close to the Hindukush in the province called Bactriana, and succeeded in again establishing their sway over the Panjāb and occasionally extending it as far east and south as the Jamnā and Kāthiāwāḍ, when the Maurya was supplanted by the Śunga dynasty. One such Greek prince is referred to by Patañjali (*circa* 150 B.C.) in the well-known passages of his *Mahābhāṣya*, *viz.*, अण्यद्यवनः साकेतम् । and अण्यद्यवनो मध्यमिकाम् ।, which are given by him as instances of *laṇ* or the Imperfect Tense. The Imperfect Tense has thus been defined by Patañjali: परोक्षे च लोकविज्ञाते प्रयोक्तुर्द्वैतविषये, *i.e.*, this tense is used by a person when the event described was not witnessed by him, but is known to the people, and was capable of being witnessed by him. Obviously, therefore, the sieges of Sāketa and Madhyamikā by the Yavana king took place when Patañjali lived. Sāketa is generally identified with Oudh, and Madhyamikā with Nagari, now an obscure village, six miles to the north of Chitod, Udaipur State⁴. Now, the Greek prince, who is identified with this Yavana conqueror, is Menander⁵, who, according to Strabo, penetrated to 'Isamus' (Jmna) and subjugated Patalene (the Indus Delta) and Saraostos (Surāshṭra, *i.e.*, Kāthiāwāḍ). This statement is corroborated by the curious observation of the author of the Periplus (*circa* 89 A.D.) that the coins of Menander and Apollodotus were current in his time at the port of Barygaza (Bharukachha, *i.e.*, Broach). Even to this

¹ Ep. Ind., Vol. II, pp. 433-4.

² Smith's *Early History of India*, p. 173.

³ *Ante*, Vol. IV, p. 245.

⁴ Smith's *Early History of India*, pp. 187, 189 and 204.

⁵ Mr. V. A. Smith also adopts this view. But I think that the Yavana king, contemporaneous with Patañjali was Demetrius. I hold with Percy Gardner that Menander flourished *circa* 110 B. C. (*British Museum Catalogue of Greek and Scythic Kings of India*, Introd. p. xxxiii) or perhaps even a little later. This agrees with the statement of the author of the Periplus (*circa* 89 A.D.) that the coins of Apollodotus and Menander were in circulation in his time in Barygaza, *i.e.*, Broach (*Ante*, Vol. VIII, p. 143). This also shows that one was the immediate successor of the other. This agrees with the fact that wherever the coins of Menander are found, the coins of Apollodotus are also found. But the reference to the Yavana king by Patañjali shows that his conquest were ephemeral, and the Greek power certainly did not last for two consecutive reigns.

day his coins are found in Kāthiāwāḍ in the south and as far as the Jamnā in the east. On the obverse of his coins is the legend, *Basileus Suthros Menandros*, in Greek language and characters, and on the reverse the legend *Mahāḍjasa Tradarasa Menandrasa* in the Pāli language and the ancient Brāhmī characters⁶. One is the exact translation of the other. Now, we have a Pāli work entitled *Milinda-panho* (Queries of Milinda), in which Milinda is spoken of as a Yavana king and also as having been converted to Buddhism after a very long and interesting discussion, by the Buddhist Doctor Nāgaseṇa⁷. This Milinda has been commonly identified with Menander. The statement of the Pāli work is corroborated by a coin of Menander, which bears the wheel of the law (*dharma-chakra*)⁸, the symbol of Buddhism, and which conjoins, with his name in the legend, the epithet *dharmika* (*i.e.*, *dhārmika*) an essentially Buddhist expression, instead of the usual title *trādara*. So dear became Menander to the Buddhists that, according to a legend mentioned by Plutarch, no less than seven cities fought after his death for his ashes⁹.

Let us now see how private individuals from amongst the Yavanas were disposed towards Buddhism. In inscriptions of the caves of West India, we find Yavanas frequently mentioned as making gifts in connection with Buddhist *stūpas* and monasteries. In the Kārli caves near Poona we have the following¹⁰ :—

1. धेनुकाकटा यवनस सिहधयान थंभो दानं

[The gift (*viz.*) a pillar of a Yavana from Dhenukākāṭa (named) Simhadhayya.]

2. धेनुकाकटा धम्मयवनस

[(The gift) of a Yavana (named) Dhamma from Dhenukākāṭa.]

Now, these Yavanas are from Dhenukākāṭa, and the names of both are Hindu. Simhadhayya corresponds to Simhadhairya, and, that Dhamma corresponds to Dharma, goes without saying.

The following inscriptions from the Junnar caves are worthy of note¹¹ :—

1. यवनस इरिलस गतान देयधम वे पोट्टियो

[Two cisterns,—the religious benefaction of the Yavana Irila of (*i.e.*, belonging to) the Gartas.]

2. यवनस चिटस गतानं भोजणमटयो देयधम सवे

[The dining hall,—the religious benefaction to the Saṃgha of the Yavana Chiṭa of (*i.e.*, belonging to) the Gartas.]

3. यवनस चंदानं देयधम गभद्धार

[The door of an interior apartment,—the religious benefaction of the Yavana Chāṇḍa.]

Of these Yavana names, only Irila appears to be foreign. Chiṭa corresponds to Chitra, and Chāṇḍa to Chandra, both undoubtedly Hindu names.

There is only one Yavana inscription in the Nāsik caves¹². It runs thus :—

सिधं ओतराहस इतामितियकस योणकस धंनदेवपुत्तस ईभ्रान्निदत्तस धंमात्मना

इमं लेणं; &c., &c.

[This dwelling (was granted) by the religious-souled Indrāgnidatta, son of Dharmadeva, a Yavana, a northerner and a resident of Dattāmitra.]

Now, the owner of this cave-dwelling is a Yavana, *i.e.*, Greek. But his name is Indrāgnidatta and his father's, Dharmadeva, both decidedly Hindu names. He is a resident of Dattāmitra, a town, according to the *Mahābhāṣya*, in Sauvīra, contiguous to modern Sind and supposed to have been founded by the Greek prince Demetrius¹³.

⁶ Smith's *Catalogue of the Coins in the Indian Museum, Calcutta*, Vol. I, p. 22 ff.

⁷ *Sacred Books of the East*, Vols. XXXV and XXXVI.

⁸ *Ariana Antiqua*, p. 288; *Ante*, Vol. VIII, p. 337.

⁹ *Arch. Surv. West. Ind.*, Vol. IV, p. 92 ff., Nos. 5, 8, 16.

¹⁰ *Trans. Inter. Cong. Or.* for 1874, p. 345.

¹¹ *Ante*, Vol. XXXII, p. 430.

¹² *Ep. Ind.*, Vol. VII, pp. 53 and 55.

¹³ *Ep. Ind.*, Vol. VIII, p. 90.

What are the facts then? The West Indian cave inscriptions give us names of certain private Yavana or Greek individuals, who made gifts to the Buddhist *chaityas* and monasteries and consequently were unquestionably Buddhists. And not only did they embrace Buddhism, but all except one borrowed Hindu names also; in short, if the word Yavana had not been mentioned in these inscriptions, their foreign extraction would have remained undetected.

For a long while the antiquarians were under the impression that the Greeks had become Buddhists only and that none of them had embraced Hinduism. But this impression is now proved erroneous by the discovery of a pillar inscription of about the second century B.C. and found at Besnagar in the Gwalior territory in Mālwa¹⁴. It records the erection of a *garuḍa-dhvaja* in honour of Vāsudeva, god of gods, by Heliadora, son of Diya, come from the king Antialkidas (Antialkidas) to the court of the king Bhāgabhadra. Heliadora is called a *Yavana-dāta*, i.e., a Greek ambassador, and his and his father's name, viz., Heliadora and Diya, undoubtedly correspond to the Greek Heliodoros and Dion. The very fact that he erected a *garuḍa* column shows that, though a Greek, he had become a Hindu and a Vaishṇava; and if any doubt is still entertained, it is completely set at rest by the fact that he is actually styled *Bhāgavata* in the inscription.

So far with regard to the Yavana or Greek princes and private individuals. The Yavanas were succeeded by the Śaka kings, who also were foreigners. The Imperial dynasty was reigning in the Panjāb and eastern parts of Afghānistān, but their might had overshadowed the northern, central and western parts of India also.¹⁵ The remoter provinces of the kingdom were governed by its viceroys called Kshatrapas, i.e., Satraps, who, however, before long, succeeded in setting aside the suzerain power and declaring their independence. One such Kshatrapa family was settled round about Takshaśilā, the Greek Taxila, which was identified by Cunningham with Shāhdheri in the Panjāb, and another at Mathurā. A third held sway over Kāṭhīāwāḍ and Mālwa, and a fourth over the Dekkan. Now, it is all but certain that most of the members of the imperial Śaka dynasty were Buddhists. Thus Spalirises, Azas, and Moas, the second, third, and sixth princes of this dynasty, and Spalahores and Spalgadames style themselves on their coins *dharmika*, i.e., *dhārmika*, an expression, which, as said above, is peculiarly Buddhistic.¹⁶ Their coins also bear the symbol of a wheel, which reminds us of the Buddhist *dharma-chakra*. Of the Kshatrapa families, two were converts to Buddhism. The well-known Mathurā Lion-capital inscription¹⁷ records the erection of a *stūpa* over a relic of Buddha by Nadasi-kasa, wife of the Mahākshatrapa Rājūla, and the various benefactions connected therewith by the other members of his family such as Abūholā, Hayuarā, Hana and so forth. The Mahākshatrapa Rājūla here referred to ruled over eastern Panjāb, north-east Rājputānā and the province round about Mathurā. There was another Kshatrapa

¹⁴ *Jour. R. As. Soc.* for 1909, p. 1089; *Jour. Bomb. As. Soc.*, Vol. XXIII, p. 104.

¹⁵ Mr. Smith speaks of this family of kings as an Indo-Parthian dynasty, probably because some of them bear Iranian names. But if many foreign kings, as we know, adopted Hindu names, there is no wonder that some of these Śaka kings assumed Iranian names. The very fact that they have such names as Moas and Azas amongst them, which are believed to be Scythian, shows that they are Indo-Scythian, and not Indo-Parthian. Their Śaka extraction is indicated, I think, by the mention of Sakastana in the Mathurā Lion-capital made with patriotic feelings. In spite of what some scholars have said to the contrary, I maintain with Mr. F. W. Thomas (*Ep. Ind.*, Vol. IX., p. 139) that it refers to the "country of Śakas," which perhaps in those days did not merely designate the modern Sistan, but included the Indo-Skythia referred to by the author of the Periplus and Ptolemy. Gondophares' dynasty, however, was, in all likelihood, Indo-Parthian, as there is not a single Scythian name therein. I still stick to my old view regarding the order of succession of this Śaka dynasty founded by Vonones. I also stick to my view that the Mathurā date 72 of Śoḍāsa, the Taxila date 78 of Patika, the Takht-i-Bahi date 103 of Gondophares, and the Panjtār date 123 of a Gushana prince, whose name is lost, are years of one and the same era. But I am now inclined to refer them all to the Vikrama era. The dates of Kanishka and his successors I would now refer to the Śaka era. This is not the place to discuss this subject but I shall seize an early opportunity of advancing arguments in support of these views.

¹⁶ *Ante*, Vol. XXXII., p. 429.

¹⁷ *Ep. Ind.*, Vol. IX., p. 141 ff.

family, as I have said above, reigning at Takshasilā. One of the Kshatrapas of this family, called Kusulaka, was Liaka. And a copper-plate inscription found in the Panjāb describes his son Patika as raising a *stūpa* over the relics of the Buddha and making a grant of land for its upkeep.

The other two Kshatrappa families were, however, followers of the Brahmanic religion. I have said above that one was holding Kāthiāwād and Mālwa and the other the Dekkan. The inscriptions of this last Kshatrappa family are found in the Nāsik, Kārlī, and Junnar caves. A part of an inscription relating to them at Nāsik may be quoted as follows¹⁸:—

सिद्धं राज्ञः क्षत्रातस्य क्षत्रपस्य नहपानस्य जामात्रा क्षीनिकपुत्रेण उपवदा-
तेन त्रिगोशतसहस्रेन.....देवताभ्यो ब्राह्मणेभ्यश्च षोडशग्रामदेन
अनुवर्षं ब्राह्मणशतसाहस्रीभोजापयिञ्च
प्रभासे पुण्यतीर्थे ब्राह्मणेभ्यः अष्टभार्यामिदेन &c., &c.

The donor referred to in this inscription is Ushavadāta, *i.e.*, Rishabhadatta or Vṛishabhadatta. His wife's name, as given in another Nāsik inscription, is Saṅghamitā, *i.e.*, Saṅghamitrā. Both of these are indisputably Hindu names. But in a third Nāsik inscription we are distinctly told that he was a Saka.¹⁹ His foreign origin is also indicated by the names of his father and father-in-law. The former is called Dīnīka and the latter Nahapāna, as will be seen from the inscription just quoted. It will easily be admitted that neither Dīnīka nor Nahapāna is an Indian, *i.e.*, Hindu, name. Nahapāna again is styled a Kshatrappa, and is said to be of the Kshaharāta family, Kshaharāta is a non-Hindu name. And Kshatrappa also is not a Sanskrit word; at any rate, it is unknown to Sanskrit literature. It is the Sanskritised form of the old Persian title Kshatrapāvan, which has been anglicised into Satrap. All these things unmistakably point to the alien origin of Ushavadāta and, in particular, to his having been a Saka, though his and his wife's names are distinctly Hindu. Now let us see what the remainder of the inscription tells us. Rishabhadatta is called *tri-go-sata-sahasra-da*, *i.e.*, the giver of three hundred thousand kine. He is further spoken of as having granted sixteen villages to the gods and Brāhmaṇas. He is also stated to have furnished eight Brāhmaṇas with the means of marriage at the holy place Prabhāsa, *i.e.*, Somnāth-Paṭṭan in Kāthiāwād, in other words, he incurred the merit of accomplishing eight Brāhmaṇa marriages. And, to crown the whole, he is said to have been *anumarshan Brāhmaṇa-sata-sahasri-bhojā-payitā*, *i.e.*, to have annually fed one hundred thousand Brāhmaṇas. This reminds us, as Dr. Bhandarkar has aptly said,²⁰ of the grand feast given, not many years ago, to Brāhmaṇas by the late Mahārājā Sindhia of Gwalior. These charities undoubtedly stamp Ushavadāta as a very staunch adherent of the Brahmanical religion. Yet in origin he was a Saka and, therefore, a foreigner!

The rule of this Kshatrappa family, called Kshaharāta, over the Dekkan did not last for a long time. It was speedily overthrown by Gautamīputra Śātakarṇi and his son, Vāsishṭhīputra Puḷumāyi, of the Śātavāhana or Śālivāhana dynasty. Another Kshatrappa family, I have said, ruled over Kāthiāwād and Mālwa. Its capital was Ujjain. It produced no less than nineteen rulers and its sway endured for no less than 270 years up to A.D. 388. The founder of this family was Chashtana and his father was Ghsamotika, both indubitably foreign names. But the names of all his successors are Hindu, *e.g.*, the son of Chashtana himself was Jayadāman, his son was Rudradāman. Though perhaps the ending *dāman* may be supposed, as Prof. Rapson says, to be the same as the suffix *dames* in such names as Spalgadames and so forth,²¹ the first components such as Jaya- and Rudra-, are unquestionably Hindu. About this Rudradāman his rock-inscription at Junāgaḍh says²²:—

शब्दार्थं गान्धर्वे-न्यायाद्यानां विद्यानां महतीनां पारण—
धारण—विज्ञान—प्रयोगावाप्तविपुलकीर्तिना

¹⁸ *Ep. Ind.*, Vol. VIII., p. 78.

¹⁹ *Ibid.*, pp. 85-6.

²⁰ *Early History of the Dekkan*, p. 41.

²¹ *Catalogue of Indian Coins*, Intro., p. cv.

²² *Ep. Ind.*, Vol. VIII., p. 44, l. 13.

(Who has obtained profuse fame by studying and remembering, by the knowledge and practice of grammar, music, logic and other great lores.)

Rudradāman thus not only bore a Hindu name but had also made himself thoroughly conversant with Hindu sciences. But he was by origin a stranger! So perfectly Hinduised these Saka Kshatrapa families had become that the other royal Hindu families did not think it polluting or degrading to contract matrimonial alliances with them. The Sātavāhana dynasty, whose other variant Sālivāhana is so well-known to the people of Mahārāshtra, and whose Hindu origin is incontrovertible, was thus connected with this Kshatrapa family. A Kanheri cave inscription says²³:

.....[वा]सिद्धिपुत्रस्य श्रीसातकर्णस्य देव्याः काहमकराजवंशप्रभवाया
महाक्षत्रपर(द्र)पुत्र्या.....

.....इय विश्वस्य अमात्यस्य शतेरकस्य पानीयभाजनं देयवर्मैः [॥]

The inscription records the gift of one Sateraka, the minister of a certain queen, whose name is lost. But she is said to have been the wife of Vāsishṭhīputra Śrī-Sātakarṇi, a Sātavāhana king, and daughter of a Mahā-Kshatrapa called Ru(dra). This Rudra has rightly been supposed to be Rudradāman by the late Dr. Bühler. Here then we find that a Sātavāhana prince named Vāsishṭhīputra Śrī-Sātakarṇi, who, as shown by me elsewhere²⁴, was the second son of Gautamīputra Sātakarṇi, the exterminator of the Kshaharāta Kshatrapa family, had actually been married to a daughter of the Mahā-Kshatrapa Rudradāman. These Saka kings had thus become so thoroughly Hinduised that another Hindu royal dynasty had no scruples whatever, social or religious, in entering into matrimonial relationship with them.

Let us now see what the predilections of private Saka individuals were. At Nāsik, there are two cave inscriptions which speak of their benefactions. One is as follows²⁵:

सिद्धं शकस रामचिकस लेखकस वुधिकस

विष्णुदत्तपुत्रस दशपुरवायवस लेण.

पोढियो च दो.....

The inscription records the gift of a dwelling cave and two cisterns by Vudhika, i. e., Vṛiddhika, son of Vishṇudatta, a Saka and a resident of Daśapura, i. e., Mandasaur in the Gwalior State. The names Vṛiddhika and Vishṇudatta are Hindu, and both would have passed for Hindus, if their Saka extraction had not been specified. The other inscription refers itself to the reign of a king called Śīvarasena, and then runs as follows²⁶:

.....शकाश्विबर्मणः वुहित्रा गणपकस्य
रेभिलस्य भार्यया गणपकस्य विश्ववर्मस्य
माना शकनिकया उपासिकया विष्णुदत्तया

.....

गिलानभेषजार्थं अक्षयनीवी प्रयुक्ता

The inscription records the gift of a permanent endowment for procuring medicine to the sick, by one Vishṇudattā. She is called an *upāsikā*, a female Buddhist lay-worshipper. She is styled Sakanikā, and is stated to have been the daughter of a Saka called Agnivarman. She was the wife of a Gaṇapaka Rebhila and mother of a Gaṇapaka Viśvavarman. Now, it is worthy of note that Vishṇudattā's father is called Saka Agnivarman. He was, therefore, a Saka. But his name, viz. Agnivarman, is distinctly Hindu, and what is strange is that, as the ending suffix *varman* shows, he was at that time looked upon as a Kshatriya. Gaṇapaka too, like Saka, must have been a tribal name, but we have no means of determining whether it was the name of an indigenous or foreign tribe. Being the daughter of a Saka, Vishṇudattā is called a Sakanikā, though married to a Gaṇapaka. This reminds us of the present Rājput princesses, who are known at their

²³ Arch. Surv. West. Ind., Vol. V., p. 78.

²⁵ Ep. Ind., Vol. VIII., p. 95.

²⁴ Jour. Bom. As. Soc., Vol. XXIII, pp. 72-3.

²⁶ Ibid., p. 83.

husband-chiefs' homes by the tribal name of their father. Thus the ruling dynasty of Jodhpur is Rāthorī, but the first queen of the present Mahārājā is styled Hādījī, *i. e.*, the daughter of a Hādā, a sub-division of the Chohāns, to which belongs the Bundi family from which she has sprung.

Almost synchronous with the Sakas were the Ābhīras, another foreign horde, which made incursions into India both south and east, and gave their name to the provinces where they settled. We have thus a tract of land in the United Provinces called Ahraurā, which is a corruption of the Sanskrit Ābhīravāṭaka. There is another province not far from Jhānsī, doubtless called Ahirwār after the Ahīrs established there. The Ābhīras carried their arms even so far south as the Dekkan. The *Purāṇas* are unanimous in saying that after the Āndhrabhīṭiyas the Dekkan was held by the Ābhīras, and quite in consonance with this, an inscription has been found at Nāsik, which is dated in the reign of an Ābhīra king. Now that the Ābhīras are foreigners is indubitable. Both in the *Vishṇupurāṇa* and the *Musalaparvan* of the *Mahābhārata*²⁶ they are branded as *dasyus* or banditti and *mlechchhas* or foreigners, in the story which says that Arjuna, after he had cremated the dead bodies of Kṛishṇa and Balarāma in Dvārakā, was proceeding with the Yādava widowed females to Mathurā through the Panjāb, when he was waylaid by these Ābhīras and deprived of his treasures and beautiful women. But like all other tribes, most of them soon gave up their predatory habits, though these were not altogether unknown even so late as the 9th century A. D. Thus an inscription²⁷ found at Ghaṭiyālā, 22 miles north-west of Jodhpur, and on a pillar erected by Kakkuka, a prince of the feudatory Pratihāra dynasty, and dated V. E. 918, contains the following verse :

रोहिंसकूपकभ्रमः पूर्वमासीदनाश्रयः ।

असेव्यः साधुलोकानां आभीरजनदारुणः ॥

Here we are told that the village of Rohinsakūpaka, *i. e.*, Ghaṭiyālā, had become desolate, and unworthy of habitation for the good people in consequence of the Ābhīras. The Ābhīras of the present day, however, are free from these predatory instincts. The inscription at Nāsik just alluded to, is the same as that which specifies the grant of the Sakanikā Vishṇudattā. The first three lines of it, with which alone we are here concerned, are :—

सिद्धं राज्ञः मादरीपुत्रस्य शिवदत्ताभीरपुत्रस्य

आभीरस्येश्वरसेनस्य संवत्सरे नवम ९ गि-

म्हपक्षे चौथे ४ दिवस ज्योतिष १३

This record is dated in the reign of the king Mādharīputra Śśvarasena, son of Sivadatta. Both Śśvarasena and Sivadatta are called Ābhīras, and yet their names are distinctly Hindu. And what is more interesting is that Śśvarasena is here called also by his metronymic, *viz.*, Mādharīputra, just as all the Kshatriyas of the time are in the cave inscriptions. At Gundā in Kāthiāwād another Ābhīra inscription has been found²⁸. This is dated [Saka] 102 = 180 A. D., and refers itself to the reign of the Mahākshatrpa Rudrasimha, son of Rudradāman. It speaks of a grant made by the *senāpati* or commander-in-chief of the name of Rudrabhūti, son of the *senāpati* Bāhaka. Herein Rudrabhūti is called an Ābhīra, but his name, it need scarcely be added, is unmistakably Hindu.

The Ābhīras are, no doubt, the same as the Ahīrs of the present day, who are spread as far east as Bengāl and as far south as the Dekkan. Most of them are cowherds, but some have pursued other callings also, and are distinguished in some places from other persons of these callings by the distinctive appellation of Ahīr. Thus we have simple Sonārs and Ahīr Sonārs, simple Sūtārs and Ahīr Sūtārs and so forth, existing side by side in Khāndesh. Ābhīra Brah-

²⁶ *Vishṇupurāṇa*, *aṁśa* V *adhyaīya* 38; *Musalāparvan*, *adhyaīya* vii.

²⁷ *Ep. Ind.*, Vol IX., p. 230.

²⁸ *Ante*, Vol. X., p. 157.

maṇas are also reported to be existing in Khândesh, Gujarât and Râjputânâ²⁹. The Ahîrs were such an important tribe that they gave rise to a separate dialect. Thus in Khândesh their dialect is known as Ahirâṇī, which, though on the whole resembling the Marâṭhī of that district, has peculiarities of its own to such an extent as to be recognised as a separate dialect. The Ahîrs of Kâthiawâḍ and Kachh also have their own Gujarâtī dialect. In olden times also the dialect of the Âbhîras was not unknown, and it is distinctly referred to by Daṇḍin in his *Kāvyaḍarśa*.

After the Śakas, the Kushanas wielded imperial power over northern India. The first prince of this dynasty was Kujula-Kadphises. In the legends of his coins he is styled *saccha-dhamma-thita*, i. e., *satya-dharma-sthita*. He thus appears to have been a Buddhist³⁰. His successor was Wema-Kadphises, who was, without doubt, a follower of the Brahmanic religion, and, in particular, a devotee of Śiva. The legend on the reverse of his coins is *maharajasa rajadirajasa sarvaloga-īśvarasa mahīśvarasa Wima-Kathphīśasa trātarsa*³¹. Here the word *mahīśvarasa* may possibly stand for the Sanskrit *māheśvarasya*, i. e., "of a devotee of Maheśvara (Śiva)." But that he was a Śaiva is placed beyond all doubt by the fact that the reverses of his coins bear the image of Nandin, sometimes accompanied by a figure holding a trident and a tiger skin, i. e., doubtless Śiva. He was succeeded by Kanishka, Huvishka and Vāsudeva, though perhaps not of his lineage. And though on their coins the figures of the Greek and Iranian deities are found, those of the Hindu divinities are not wanting. Thus the coins of Kanishka bear the figure of the Buddha, both in the sitting and standing posture. And, in fact, it is on his coins only that we for the first time find the Buddha actually figured. This may be regarded as evidence of the truth of what the northern Buddhists assert as to Kanishka being their patron. During his regime and under his auspices a conference of monks was convened to settle the Buddhist canon again, and it was at this time that the Mahāyāna school of Buddhism assumed a definite form. On the coins of his successors occur the figures of "Skando" (Skanda), "Mahaseno" (Mahāśena), "Komaro" (Kumāra), "Bizago" (Viśākha) and "Oesho" (Śiva),—all from the Brahmanic pantheon. That these Kushana kings are foreigners is indisputable. The names Kujula-Kadphises, Wema-Kadphises, Kanishka and Huvishka by no means sound Indian. The numismatists are at one in saying that the costume of these kings, as determined from their coins, is Turki and their features Mongolian. And yet we find them doing homage to the Hindu divinities!

The well-known *Maga* or *Śākadvīpī Brāhmaṇas*³² must be assigned to about this period. An inscription stone of Śaka 1059=1137-38 A.D. has been found at Govindpur³³ in the Nawadā sub-division of the Gayā District, Bengāl, which begins with the following stanza, descriptive of this community :—

देवो जीयान्निलोकीमणिरयमरुणो यन्निवासेन पुण्यः
शाकद्वीपस्त दुग्धाश्वुनिधिवलयितो यत्र विप्रा मगाख्याः ।
वंशस्तत्र द्विजानां भ्रमिलिखिततनोर्भास्वतः स्वाङ्गमुक्तः
शास्त्रो यानानिनाय स्वयमिह महितास्ते जगत्या जयन्ति ॥

Translation.

Hail to that gem of the three worlds, the divine Aruṇa, whose presence sanctifies the milk-ocean-encircled Śākadvīpa, where the Brāhmaṇas are named Magas! There a race of twice-born (sṁrang) from the sun's own body, grazed by the lathe,³⁴ whom Śāmba himself brought hither—Glorious are they, honoured in the world!

²⁹ Wilson's *Indian Caste*, Vol. II., pp. 23, 120, 177.

³⁰ *Ante*, Vol. XXXII, p. 429.

³¹ Smith's *Catalogue of the coins in the Indian Museum, Calcutta*, p. 68.

³² The late Professor Weber has written a learned paper on Magas, but I am sorry to say that it has been a sealed book to me, as I do not know German and could not induce anybody to translate it for me.

³³ *Ep. Ind.*, Vol. II., p. 330 ff.

³⁴ Compare *bhramī-likhita-tanor* of the text with *Śākadvīpe bhramīm kṛitvā rūpam nirvartitam mama* of the *Bhaviṣhya-purāṇa*, *Brāhmaṇapāvan*, Cap. 129, v. 13.

But a detailed account of these Magas is given in the *Bhaviṣhya-purāṇa*³⁵. Therein they are said to have sprung from the union of Sūrya and Nakshubhā, daughter of the sage Rījihva, belonging to the Mihira *gotra*. The account here is rather involved and not quite lucid. But the main points are clear enough. She had a son named Jaraśabda according to one manuscript, but Jaraśasta according to another. He was the originator of the Maga Brāhmaṇas. They were originally dwelling in the Śākadvīpa, but were brought into Jambudvīpa, it is said, by Sām̐ba, son of Kṛishṇa. Sām̐ba was suffering from white leprosy, and Nārada advised him to erect a temple of Sūrya on the river Chandrabhāgā in order that he might be cured of his disease. This was accordingly built³⁶, but no Brāhmaṇas undertook to perform the duties of *pūjāris*. Thereupon on the advice of Gauramukha, Sām̐ba set out for Śākadvīpa, and brought ten Maga families. Various details are further given of these Brāhmaṇas. But it is sufficient here to note that they were also called Bhojakas and that they wore round their waist what is called an *avyāṅga*, which was originally the skin of the serpent-god Vāsuki. A little reflection will tell us that these Magas are no other than the Magi of old Persia, who were the priestly class there. The name of their originator, we have seen, was Jaraśasta, which bears a close correspondence in sound to Jaratusta (Zoroaster). *Avyāṅga* again is the Indian form of the Avestā word *Aiwydōnghan*. The *gotra* of the grandfather of Jaraśasta, as we have seen, is Mihira, which again is the Sanskritised form of the old Persian word Mihr.

We have already seen that Magas are mentioned in the Govindpur stone inscription of 1137 A. D. But an earlier epigraphic reference to them is to be found in the Ghaṭiyālā inscription of Kakkuka dated 918 V.E.=861 A.D. The text of the inscription is therein said to have been drawn up by the Maga Māṭiravi. Varāhamihira (*circa* 505 A.D.) in his *Bṛīhatsaṁhitā*, Cap. lx, v.19, speaks of the Magas as the proper persons to install and consecrate the image of Sūrya. To about this time (550 A.D.) belongs the manuscript found in Nepāl, in which, it is said, that in the Kaliyuga, Magas and Brāhmaṇas would be regarded as of the same status³⁷. Again, it is worthy of note that a short account of Śākadvīpa together with its population, including Magas, occurs in the *Mahābhārata*, *Bhīṣmaparvan*, Cap. xi³⁸. This may be an interpolation, but it must be remembered that the epic acquired its present character by about 450 A.D.³⁹, and consequently Magas must be supposed to have come into India before the middle of the fifth century. I think they came with Kanishka⁴⁰ (*circa* 78 A.D.), who appears to have been the first Indo-Scythian prince that had espoused the Avestic faith⁴¹. What is specially noticeable in this connection is that it is on his coins that the name and figure of the deity Mihira for the first time are met with. Mihira was a form of the god Sūrya, was the name of Rījihva, grandfather of Jaraśasta, and is even now an epithet borne by many Śākadvīpī Brāhmaṇas. Magas, in all probability, first came into India with Kanishka as his Avestic priests.

Such was the origin of Maga Brāhmaṇas. Yet how thoroughly they had imbibed Hindu faith and literature! The Govindpur inscription referred to above speaks of one Gaṅgādharma as having built a tank. He was also the composer of the inscription. He gives us a short description of his

³⁵ *Brāhmaṇapāraṇa*, Caps. 139-42. In some MSS. instead of Nakshubhā we have Nikshubhā, and instead of Rījihva, Sujihva or Rījvāhva. So also some MSS. have Jalagambū or Jaraśabda instead of Jaraśasta.

³⁶ Chandrabhāgā is a name of the river Chenāb, and the temple was built at Mūltān, one of whose names is Sām̐bapūra; the place, where the image is installed, is called Mitravana in the *Bhaviṣhya-purāṇa*. For further details, see Cunningham's *Ancient Geography of India*, Vol. I., p. 232 ff.

³⁷ *Proceedings of the Bengal Asiatic Society* for 1902, p. 3.

³⁸ The same verses are repeated in the *Bhaviṣhya-purāṇa*, *Brāhmaṇapāraṇa*, Cap. 139, v. 74 ff.

³⁹ According to Professor Maodonell, the epic acquired its present character by about 350 A.D. (*A History of Sanskrit Literature*, p. 287). But the mention of Hūpa in it requires us, I think, to assign it to 450 A. D.

⁴⁰ I have now come to regard that Kanishka, in all likelihood, flourished about this time and that he was the originator of the era, which was afterwards known at *Śakābda*.

⁴¹ *Ante*, Vol. XVII., p. 89 ff.

relatives, from which it appears that his was a poetic family. His father, Manoratha, is styled *nūtana* Kālidāsa, and his grandfather Chakrapāṇi is compared to Vālmiki. Many others are praised more or less for their poetic talents. His is not a mere empty praise because they were his relatives, for the work *Sadukti-karṇāmṛta* of Śrīdharadāsa (1205 A.D.), an anthology culled chiefly from Bengāl poets,⁴² makes mention of no less than six of these (including him) and cites their verses also. Nay, Varāhamihira, one of the most celebrated astronomers of India, appears to have been a Maga Brāhmaṇa. Bhaṭṭotpala, who has commented on his works, tells us that he was a Magadha Brāhmaṇa,⁴³ Magadha here does not, I think, mean an inhabitant of Magadha, but a Maga himself. The *Bhaviṣya-purāṇa* distinctly tells us that *Magāṇ dhyāyanti te yasmāt tena te Magadhāḥ smṛitāḥ*.⁴⁴ This is corroborated by his and his father's names, *viz.*, Varāhamihira and Ādityadāsa, one of whose components is a name of Sūrya.

In the Jodhpur State there is a class of Brāhmaṇas known as *Sevak* and also *Bhojak*, most of whom are religious dependents of the Osvāl Śrāvaks. They call themselves Śākadvīpī Brāhmaṇas, and keep images of Sūrya in their houses, which they worship on Sundays, when they eat once only.⁴⁵ Formerly they used to wear a necklace resembling the cast-off skin of a serpent, no doubt corresponding to the *avyāṅga*, which was supposed to be the cast-off skin of Vāsuki. But this practice has recently fallen into desuetude.⁴⁶ The Parāśari Brāhmaṇas of Pushkar were also originally known as *Sevaks* and Śākadvīpī Brāhmaṇas. At any rate they were so known till the time of the Jaipur king Jayasīma II.⁴⁷ The *Sevaks* say that their caste people are called Śākadvīpī in the east, *Sitāpatrī* in the south, and *Pañje* round about Delhi and Āgrā. The *pūjārīs* of the temples of Jagadīśa and Jvālāmukhī in north India are, it is said, Śākadvīpī Brāhmaṇas.

After the overthrow of the Kushanas, the Haihayas poured into India. The *Harivamśa* and the *Vishṇu-purāṇa*⁴⁸ state that they seized the kingdom of the indigenous Indian king Bāhu and that they were assisted in this expedition by the Śakas, Yavanas, Pāradas, Kāmbojas, Pahlavas and Khasās. Bāhu retired to a forest and killed himself. One of his wives, who was pregnant at that time, went to the hermitage of Aurva-Bhārgava, and was there delivered of a son called Sagara. The latter, in course of time, learnt the use of various miraculous weapons from the former, and made a fearful slaughter of the Haihayas. He then turned his arms against the Śakas, Yavanas, etc., but the sage Vasishṭha intervened, and Sagara had to content himself with depriving them of the true religion and degrading them as *Kshatriyas*. Now, as the Haihayas are here classed with Śakas, Yavanas, Pāradas, Kāmbojas and so forth, there can be little doubt that they were regarded as *mlechchhas*, *i.e.*, foreigners, at about the close of the fourth century A.D., when the *Harivamśa* was composed. It does not seem difficult to determine which part of India they held. In the *Anuśāsana-parvan* of the *Mahābhārata* and also in the *Harivamśa*,⁴⁹ we are informed that the thousand-armed Haiyaya king Kārtavīrya-Arjuna reigned over the whole earth at Māhishmatī, which, I think, has been rightly identified by Dr. Fleet with Māndhātā in the Central Provinces.

Kalachuris of Central Provinces in many of their inscriptions call themselves Haihayas, and trace their lineage to Kārtavīrya.⁵⁰ They were probably a sept of the Haihayas. Their power, however, does not date earlier than *circa* 875 A.D. A branch of this family went to western India, and established itself at Kalyāṇī, under the leadership of Bijjala, by supplanting the Chālukya dynasty.⁵¹

⁴² *Zeit. Deutschen Morg. Ges.*, Vol. XXXVI, p. 511.

⁴³ *Colebrooke's Miscellaneous Essays*, Vol. II., p. 477, note.

⁴⁴ *Brāhmaparvan*, Cap. 117., v. 55.

⁴⁵ *Census Report of the Jodhpur State* (Hindi), for 1891, Vol. III., p. 320 ff.

⁴⁶ For this information I am indebted to Munshi Deviprasad of Jodhpur.

⁴⁷ I owe this information to Pandit Gaurishankar Ojha of Ajmer.

⁴⁸ *Harivamśa* (Bengāl) vs. 764-776; *Vishṇu-purāṇa*, *aṁśa* iv, Cap. 3, v. 16 ff.

⁴⁹ *Anuśāsana-parvan*, *adyāya*, 153, v. 3; *Harivamśa*, v. 1863.

⁵⁰ *Ep. Ind.*, Vol. I., pp. 37, 263; Vol. II., p. 5; *Vide also ante*, Vol. XII., pp. 253, 263.

⁵¹ *Bombay Gazetteer*, Vol. I., Pt. II., p. 225 ff. and p. 463 ff.

This is seen from the fact that the formal preambles of their records always style them "lord of Kālāñjara, the best of towns." Kālāñjara is unquestionably the celebrated hill-fort Kālīñjar in the Banda District, Bundelkhaṇḍ, in the United Provinces, in the very heart of the territory of these Kalachuris. But the earliest Kalachuri family, of which records have been found and which appears to be the imperial dynasty, was that ruling over the Nāsik and Khāndesh districts, Gujarāt and Mālwa, and reigning in all likelihood at Māhishmatī. One copper-plate grant of this dynasty has been found at Ābhon in the Nāsik district, and is dated in the year 347 (595 A.D.) in the reign of Kaṭachchūri king Saṅkaragaṇa.⁵² The grant was issued by the Kalachuri prince when he was at Ujjayanī. Another was discovered at Sarsavṇī⁵³ in the Pādrā sub-division of the Barodā State, is dated in the year 361 (609-10 A.D.), and refers itself to the reign of Buldharāja, who is no doubt the same as the Kalatsiri prince of that name represented in the Mahākūṭa pillar inscription to have been defeated by the Chālukya prince Maṅgaleśa.⁵⁴ Besides the Kalachuris, there appear to be some chieftains, at any rate in southern India, who were known simply as Haihayas. Thus in the time of the late Chālukya prince Someśvara I., one of his feudatories, was the *Mahāmaṇḍaleśvara* Revarasa, with the title of "lord of Māhishmatī, the best of towns," and described as belonging to the family of Kārtavīrya.⁵⁵ During the regime of the Chālukya king Vikramāditya VI., a portion of the Nizam's Dominions round about Kammarawādī was governed by his feudatory Yānemarasa, with the title of "lord of Māhishmatī, the best of towns," and belonging to the Ahihaya-vaṁśa.⁵⁶ Similarly, a feudatory of the Chālukya sovereign, Perma-Jagadekamalla II, was one Revarasa with the same title and pertaining to the same family.⁵⁷ The Ahihaya vaṁśa here referred to must undoubtedly be the same as Haihaya, as is clearly proved by the mention of Māhishmatī, the old capital of the Haihayas.

All the records of the Kalachuri dynasties, whether of Chedi, Ratanpūr or Gujarāt-Mālwa, are dated in an era of their own. This era is also employed by princes of other dynasties such as the Uchchhakalpa, Traikūṭaka⁵⁸ and so forth, who were in all probability their feudatories. The epoch of this era is A.D. 249, when, therefore, the power of the Haihayas must be supposed to have been firmly established. The legends of Paraśurāma freeing the earth of the Kshatriyas are too well-known to be repeated here. But if we read between the lines, we find that he bore a grudge only against the Haihayas, with whose slaughter he was chiefly concerned. Paraśurāma is, in the *Mahābhārata*, represented as residing in the Mahendra mountain, and in the *Harivaṁśa* in the Sahya. And if there is a grain of truth in the legends, what they perhaps imply is that Paraśurāma, or some Brāhmaṇa hero in the south, put an effectual stop to the further incursions and encroachments of the Haihayas, who wanted to occupy southern India.

Traces of the name Kalachuri are still found amongst the Marāṭhās⁵⁹ and Rājpuṭs of the Central Provinces. The Kāyastha Prabhus⁶⁰ of Mahārāshṭra at any rate claim descent from Sahasrārjuna. There is a sept of the Sūryavaṁśī Rājpuṭs in Bihār called Harihobans,⁶¹ who appear to be the same as Haihayavans̄. There are Hayobansas also in the United Provinces.⁶²

After the power of the Kushanas was overthrown and that of the Guptas established, India enjoyed respite for about two centuries. It was during the first half of the 6th century that the Hūṇas penetrated into India with the allied tribes Gurjaras, Maitrakas and so forth,

⁵² *Ep. Ind.*, Vol. IX., p. 297 ff.

⁵³ *Ibid.* Vol. VI., p. 297 ff.

⁵⁴ *Ante.*, Vol. XIX. pp. 17-18.

⁵⁵ *Bombay Gazetteer*, Vol. I., Pt. II., p. 439.

⁵⁶ *Ibid.* p. 451.

⁵⁷ *Ibid.*, p. 457.

⁵⁸ The Traikutakas were probably not feudatories, as they seem to have struck coins; but were a sept of the Haihayas, like the Kalachuris.

⁵⁹ Birje's *Who are the Marāṭhās?* p. 108.

⁶⁰ *Bombay Gazetteer*, Vol. XIII., Pt. I, p. 87.

⁶¹ Risley's *The Tribes and Castes of Bengal*, Vol. I., p. 317.

⁶² Elliot's *The Races of the N. W. Provinces of India*, Vol. I., p. 128.

eclipsed the Gupta power, and occupied northern and central India. The two Hūṇa sovereigns, whose names have been preserved, are Toramāṇa and his son Mihirakula.⁶³ Both these names are non-Indian. Mihirakula no doubt apparently looks like a Hindu name, but is, in reality, the Sanskritised form of the Persian Mihr-gul "Rose of the Sun."⁶⁴ We do not know whether Toramāṇa had become a Hindu, but certain it is that Mihirakula had become a convert to Hinduism. On some of his coins we have, on the reverse, a bull—the emblem of Śiva—with the legend *jayatu vṛishah*, "victorious be the bull!"⁶⁵ Again, in a Mandasaur inscription, he is said to have bent his neck to none but Śiva.⁶⁶ This is an unmistakable indication of his having become a Hindu and adopted the worship of the god Śiva. When he was defeated and driven out of north and central India by the conjoint effort of Narasimhagupta-Bālāditya in the east and Yaśodharman in the west, he, according to the *Rājatarāṅgiṇī*, retired to Kāshmir, established an empire there, and was the founder of the family, Hūṇa of course, which for long held that country and were staunch adherents of Brahmanism.

That the Hūṇas are Huns or White Ephthalites and consequently foreign barbarians is incontrovertible. And yet as early as the 11th century they had come to be regarded as Kshatriyas; and an inscription informs us that a Chedi king Yaśaḥkarna married a Hūṇa princess of the name of Āhalladevī. The Hūṇas have become so thoroughly Hinduised that they are looked upon as one of the thirty-six Rājput families believed to be genuine and pure. But so far as my inquiries go, they have no longer any separate existence as a clan like the Chavāṇs, Pavārs and so forth. Hūṇa is now-a-days found only as a family name in the Panjāb, or as the name of a sub-division of such castes as Rebhārī.⁶⁷

I have stated above that another foreign horde that came into India with the Hūṇa was the Gūjar, which has been Sanskritised into Gurjara or Gūrjara. The modern province of Gujarāt in the Bombay Presidency and the districts of Gujarāt and Gujarānwālā in the Panjāb are no doubt called after the Gūjaras, who came and settled there. The name Gujarāt is not a corruption of Gurjara-rāshṭra as is too commonly supposed, but of Gurjaratrā. In inscriptions of about the 9th century found near Jodhpur, a province called Gurjaratrā is mentioned, and the Daulatpurā copper-plate grant of Bhoja I and a Kālāṇjara inscription enable us to infer that it embraced at least the modern districts of Ḍiḍwāṇā and Parbatsar of the Jodhpur State.⁶⁸ A fourth Gujarāt (*i.e.*, Gurjaratrā) is mentioned by Al-Bīrūnī (A.D. 970-1031).⁶⁹ To the south-east of Kanauj, he says, lay Guzarāt, the capital of which was Bazan, also known as Narayan, which is identified with Nārāyaṇpur in the north-easternmost part of the Jaipur territory. In fact, the Gūjars still abound in this part of Jaipur, and the southern portion of the Alwar State. And this province was no doubt in old days held by a dynasty named Gurjara, Pratihāra, as is shown by an inscription found at Rājor.⁷⁰ Therein Mathanadeva, a prince of this family, is represented to have granted the village of Vyāghrapātaka to the god Lachchhukeśvara named after his mother Lachchhukā. The fields of this village, it is said were cultivated by the Gurjaras,—which shows that the Gūjars had occupied and settled in that country in the 10th century at the latest. But it was in western Rājputānā that they appear to have established themselves first. For, as informed by the Chinese pilgrim, Yuan-Chwang, who came to India in the earlier part of the seventh century, that part of Rājputānā was

⁶³ *Gupta Insers.*, by Fleet, pp. 159 and 162.

⁶⁴ *Bombay Gazetteer*, Vol. I., Pt. I., p. 75, note 6.

⁶⁵ *Catalogue of the Coins in the Indian Museum, Calcutta*, by V. A. Smith, p. 233.

⁶⁶ *Gupta Insers.*, by Fleet, p. 143.

⁶⁷ *Census Report of the Jodhpur State* (Hindi), for 1891. Vol. III., p. 570.

⁶⁸ *Jour. Bomb. As. Soc.*, Vol. XXL, pp. 414-5.

⁶⁹ *Al Bīrūnī*, by Sachau, Vol. I., p. 202; *Bombay Gazetteer*, Vol. I., Pt. I., p. 520. ⁷⁰ *Ep. Ind.*, Vol. III., p. 263.

known as the Kieuchelo (*i.e.*, Gurjara) country, with its capital at Pi-lo-mo-lo, *i.e.*, Bhinmāl in the Jaswantpurā district, Jodhpur State.⁷¹ Yuan-Chwang tells us that the king was looked upon as a Kshatriya. This is interesting because it shows that as early as the first half of the seventh century, *i.e.*, about a century after their coming into India, the Gūjars had become Hindus and actually acquired the rank of Kshatriyas. About the middle of the 8th century, they had extended their supremacy far beyond Rājputānā, carried arms as far eastward as Bengal, and established themselves at Kanauj. They are commonly styled as the imperial Pratihāra dynasty. They have been called Juzr kings by the Arab travellers and writers, Abu Zaid, Al Masūdi and others, and are spoken of as constantly fighting with the Rāshtrakūtas in the south.⁷² This agrees with the allusions to the Gurjaras made in the Rāshtrakūta records. If any further proof is needed to show that Pratihāras were Gūjars, it is supplied by the phrase Gurjara-Pratihāra itself, occurring in the Rājor inscription just referred to. The phrase must, of course, be interpreted to mean "Pratihāras who were Gurjaras." There can, therefore, be no doubt that the imperial Pratihāra dynasty, reigning at Kanauj, were of the Gūjar race.

Gūjars are still found in numbers in the Panjāb, United Provinces, Rājputānā and Central India, but mostly as cultivators or cowherds. In the north-west of the Panjāb, however, they are still "a purely pastoral and almost nomad race, taking their herds up into the higher ranges in summer and descending with them into the valleys during the cold weather."⁷³ The Gūjars are not, however, found in Gujarāt of the Bombay Presidency, though there are unmistakable indications of this tribe having been merged into the Hīndu population there. Thus, we have Gūjar and simple Vāpiās (traders), Gūjar and simple Sutārs (carpenters), Gūjar and simple Sonārs (goldsmiths), Gūjar and simple Kumbhārs (potters), and Gūjar and simple Salāṭs (masons).⁷⁴ The first-mentioned of these castes are Gūjars, who, taking to different callings, have formed separate castes. The Gujarāt Kṇbis or husbandmen are divided into the main sections, Lewās and Kaḍwās, and though here the name Gūjar has not survived, there can be little doubt that they belong to the Gūjar stock. For the husbandmen of Khāndesh belong to two main divisions, local and Gūjar Kṇbis. The latter include eight classes, two of which are these Lewās and Kaḍwās. There is also a Brāhmaṇa caste called Gūjar-Gauḍ, the members of which are found principally in Rājputānā. The conjoint name Gujar-Gauḍ means, I think, Gauḍ Brāhmaṇas of the Gūjar race, *i.e.*, Brāhmaṇas of Gūjar extraction originally settled in Gauḍa, which does not here denote Bengal but the province round about Thāṇesvar, as first pointed out by the late Mr. A. M. T. Jackson.⁷⁵ Amongst the Rājputās the word Gūjar has survived in the name Baḍ-Gūjar (Birgugar) of a clan, which is one of the thirty-six royal families looked upon as pure and genuine in Rājputānā.⁷⁶ Gūjar is still the name of a Marāṭhā family, which was once famous in the modern history of Mahārāshṭra. This name is also to be found among the Karhāḍī Brāhmaṇas. The late Sir James Campbell has said that "the commonness of the name Gurjara among Karhādes shows that it is something more than a special surname

⁷¹ *Buddhist Records of the Western World*, by Beal, Vol. II., p. 270; *ante*, Vol. VI., p. 63.

⁷² *Jour. Bomb. As. Soc.*, Vol. XXI., pp. 422-4.

⁷³ *Census of the Panjab*, by Ibbetson, p. 263.

⁷⁴ *Bombay Gazetteer*, Vol. I., Pt. I., p. 4.

⁷⁵ *Jour. R. As. Soc.*, for 1905, pp. 163-4. For long it was a puzzle to me how the Gauḍ Brāhmaṇas, who abound in the Jaipur State and form one of the sub-divisions of the great Gauḍa, as distinguished from the Draviḍa stock, came to be so called, especially as no legends in any way connected them with Bengal. The puzzle is now solved by Al Biruni's "Gauḍa-Tānēshar," to which our attention was drawn by the late Mr. A. M. T. Jackson. But it must be remembered that it was the tribe Gauḍa that gave this name to the province and not *vice versa*. For we have not only Gauḍ Brāhmaṇas but Gauḍ Rājputās and Gauḍ Kāyasthas, all in Rājputānā and Central India. This points to Gauḍa having originally been a stranger tribe, which was afterwards merged into the Hīndu society.

⁷⁶ *Annals and Antiquities of Rajasthan*, by Tod (Lahiri & Co.), Vol. I., pp. 109-10.

held by the descendants of individuals employed in Gujarât, and the fact that the surname is common on the coast, especially in the Râjâpur sub-division and is rare in Dakhan families, and that where it occurs it can in most cases be traced to a connection with the Konkan, all support the view that the Karhâde Brâhman of Ratnâgiri are largely of Gûjar origin⁷⁷." The earliest record in which this surname has been traced is a copper-plate grant in the possession of a Karhâdâ family in the Konkan and surnamed Gurjara. The name of the grantee is therein thus given :—

उद्धितद्वर्तिकौकणदेशे काश्यपावत्सारनैध्रुवेति-त्रिप्रवरो-
पेत-निध्रुवगोत्रोत्पन्न-गुर्जरसमुपाभिधान-गोविन्द-पट्टवर्धन-
—हस्ते &c.⁷⁸.

The donee here is Govinda, surnamed Gurjara and Paṭṭavardhana. The date of the grant is 1191 A. D., i. e. to say no less than 700 years have elapsed since the charter was issued. That the Karhâdas came from the north may be shown in another way also. Two of their surnames are Ojhe and Râwat, corresponding to Ojhâ and Râut found in Gujarât and Râjputânâ, but nowhere in Mahârâshṭra.

So far with regard to the names of Brâhmaṇa and Kshatriya families, in which the word Gûjar has survived. But there are many tribes, in whose names the word Gûjar is not found, but which nevertheless are of Gûjar origin. Such e. g., was originally the imperial Pratihâra dynasty of Kanauj, as shown above. And yet how thoroughly they had become Hinduised! Not only did they borrow Hindu names, such as Vatsarâja, Nâgabhaṭa, Râmabhadra, and so on, but they also adopted the various Hindu faiths. Thus, whereas some style themselves *parama-vaishṇava*, i. e., devout worshippers of Viṣṇu, others call themselves *parama-mâhêśvara*, i. e., devout worshippers of Siva, or *parama-bhagavatî-bhakta*, i. e., ardent devotees of Bhagavatî or Pârvatî⁷⁹. Nay, what is more, two of these kings, viz., Mahendrapâla and Mahipâla, who were the patrons of the poet Râjâśekhara, are in his plays actually called *Raghu-kula-tilaka* (ornament of the race of Raghu), *Raghu-grâmaṇî* (the leading person of Raghu's family), &c., &c. !⁸⁰ So that by the time of Râjâśekhara, the Gûjar kings had not only adopted the Brahmanic mode of worship, but also traced their descent from an epic hero. They, however, traced their origin not to Râma, as one is apt to presume, but to his younger brother Lakshmaṇa, who, it is said in a Gwalior inscription, was called Prathhâra from his act of repelling (*pratiharaṇa-vidheh*) the enemies in his battle with Meghanâda⁸¹. Here *Pratihâra* is derived from *prati + har*, to repel, and as this *pratiharaṇa* is spoken of as having been achieved in a battle with Meghanâda, the word *pratihâra* cannot be taken in the usual sense of "door-keeper." But, at other places, we are told that, because the function of a door-keeper (*pratihâra*) to Râmabhadra was performed by Lakshmaṇa, the family came to be known as Pratihâra⁸². This discrepancy is enough to show that the account is fabulous, and the connection with Lakshmaṇa was concocted when the Pratihâras were settled and perfectly Hinduised in India and were in dire need of carrying back their genealogy to some epic hero, in order to pass off their dynasty as a genuine indigenous one. The true origin appears to be that given in a Jodhpur inscription of the feudatory Pratihâra family. Therein we are informed that there was a Brâhmaṇa named Harichandra and surnamed Rohilladdhi, that he had two wives, one a Brâhmaṇa, and the other a Kshatriya

⁷⁷ *Bombay Gazetteer*, Vol. IX., Pt. I., p. 498.

⁷⁸ *Prabhâs* for Saka 1829 Âshâdha—Âśvina. This copper-plate grant seems to have been known to Mr. A. M. T. Jackson (*vide Bombay Gazetteer*, Vol. IX., Pt. I., p. 498, note 3).

⁷⁹ For these epithets indicative of their religious predilections, see, e. g., *Ep. Ind.*, Vol. V., p. 211-2. That Bhagavatî in these epithets signifies Pârvatî has already been shown by me in *Prog. Rep. Archaeol. Survey, West. Circle*, for 1907-8, p. 47.

⁸⁰ Râjâśekhara: *his life and writings*, by V. S. Apte, p. 9; Râjâśekhara's *Karpûramañjarî*, by Konow and Lanman, pp. 178-9.

⁸¹ *Archæol. Survey of India, Annual Report*, for 1903-4, p. 280, v. 3.

⁸² *Jour. Roy. As. Soc.* for 1894, p. 4 ff.

woman, and that the children from both were called Pratihâras, those from the first being styled Brâhmaṇa Pratihâras and those from the second Kshatriya Pratihâras. This is not a merely traditional account, for in the same inscription, that describes the exploits of the Pratihâra chieftain Bâuka, we are distinctly told in verse 27 that in his fight with king Mayûra, he was assisted by the Brâhmaṇa Pratihâras as well as Kshatriyas. The marriage of a Brâhmaṇa with a Kshatriya woman, with the result as related in this inscription, is curious; and can only be accounted for as being of foreign importation. The *Smṛitis*, no doubt, allow a Brâhmaṇa to marry a Kshatriya woman, but the offspring of such a union is relegated to the class of mixed castes, and has nowhere therein been styled Kshatriya, as appears from the inscription to have been the case with these Pratihâras.

The modern representatives of the Pratihâras are the Paḍihârs, who form one of the four *agnikulas*, i. e., fire-sprung tribes. In fact, Pratihâra is only the Sanskritised form of Paḍihâr. Paḍihârs are found both in Râjputânâ, Panjâb and Bihâr⁸³. But no trace has yet been found of the Brâhmaṇa Pratihâras referred to in the Jodhpur inscription. It is, however, worthy of note that among the Pokarnâ Brâhmaṇas of the present day, there is a *khânṇ* or sub-division called Paḍiyâriyâ⁸⁴. May not the Pokarnâs of this *khânṇ* be the descendants of the Pratihâra Brâhmaṇas of the inscription?

The second Râjput tribe, which is, in all likelihood, of Gûjar origin, is Châlukya or Chaulukya. There is no epigraphic evidence in the present case, but there can be no doubt that Gujarât of the Bombay Presidency bore this name only after the Chaulukyas conquered and occupied it. If the Chaulukyas had not been of Gûjar extraction, it is inconceivable how that province could have been named Gujarât (Gurjaratrâ), when it was up till their advent known as Lâṭa⁸⁵. There were two hordes of this tribe which emigrated at two different periods. The first came forth in the last quarter of the sixth century from the Savâ lakh mountains, as I shall show further on, spread as far south as the Madras Presidency, and was generally known by the name Châlukya. The second emigrated about the middle of the tenth century from Kalyâṇakâṭaka, i. e., Kanauj, but did not go south beyond Gujarât. It was generally known by the name of Chaulukya or Solaṅki. Some antiquarians are of opinion that they do not represent one tribe, as the first swarm of the invaders were called Châlukyas and the second Chaulukyas. But this view, I am afraid, has not much ground to stand upon. Because, the first have been called also Chaulukyas in several manuscripts of the *Vikramâdityadeva-charita* by Bilhaṇa, the *vidyâpati* of Vikramâditya VI of the Châlukya family reigning at Kalyâṇi. The same Bilhaṇa again speaks of the Solaṅki sovereigns of Gujarât as Châlukya in his play entitled *Karṇasundarî*⁸⁶. There, therefore, seems to be no reason to hold that they were two different tribes. Like the Kadambas, as we shall see further on, the Châlukyas are represented as Hâritîputras, of the Mânava *gotra* and as meditating on Shadâṇana and the seven Divine Mothers. This indicates their Brâhmaṇa, or rather priestly origin, though we cannot perhaps say that they and the Kadambas belonged to one tribe. In their later records the Châlukyas are spoken of as originally having been at Ayodhyâ, but I shall soon show that they really emigrated from the old Sapâdalaksha country, which was in the Himâlayas.

The Châlukyas are at present represented by Solaṅkis in Râjputânâ, by Châlkes and Sâlunkes in the Marâṭhî-speaking districts,⁸⁷ and by Chalhaks in Bihâr⁸⁸.

⁸³ *Annals and Antiquities of Râjasthân*, by Tod, Vol. I., pp. 93—4. *The Tribes and Castes of Bengal*, by Risley, Vol. II., p. 165.

⁸⁴ *Census Report of the Jodhpur State* (Hindi), for 1891, Vol. III., p. 159.

⁸⁵ *Jour. Bomb. As. Soc.*, Vol. XXI., pp. 425—6.

⁸⁶ *Karṇasundarî* (Kâvyamâlâ Series), p. 5, v. 20; also p. 52, v. 15.

⁸⁷ "Who are the Marâṭhâs?" by Birje, pp. 106 & 110.

⁸⁸ *The Tribes and Castes of Bengal*, by Risley, p. 175.

Like the Paḍihârs, the Solāṅkīs are also regarded as an *agnikula*, i. e., fire sprung tribe. The remaining two are the Chāhamānas and the Paramāras. This legend about the *agnikula* is first narrated in the *Prithvīrāja-rāsā*, a work of doubtful authenticity. So far as the inscriptions go, it is only the Paramāras who can claim to be an Agnikula. Wherever in their records an account of their origin is given, there their progenitor is invariably represented as having arisen from the *agnikuṇḍa* or fire-altar of Vasishṭha on Mount Âbū. But not a single epigraphic record has been found of the Pratīhāra, Chālukya or Chāhamāna family, in which their origin from the fire-altar is even so much as hinted at.

I have just shown that the Pratīhāras and Chaulukyas were of the Gūjar race. We do not know to what stock the Paramāras belonged, though it is morally certain that they were of foreign extraction. Evidence can, however, I believe, be adduced in support of the foreign origin of the Chāhamānas. "There are found in North-Western India coins of Sassanian type and fabric bearing inscriptions in Nāgarī, Sassanian, Pahlavi, and an alphabet, hitherto unread, which is probably a development of the modified form of the Greek alphabet used by the Scytho-Sassanians. These have been sometimes attributed to the later Hūnas, but apparently without sufficient reason. They were almost certainly struck by some Sassanian dynasty or dynasties—as is shown by the style of the coins and by the use of Sassanian Pahlavi—ruling over Sind and Multan, which the earliest Arab geographers include in the kingdom of Sind. It may be noticed that the region had at other periods been in the hands of the Persian conquerors. For one of these issues, which has the name *Śrī-Vāsudeva* only in Nāgarī characters and all the remaining portion of its legends is Sassanian Pahlavi, an approximate date is fixed by its very near resemblance to a coinage issued by Khusru II. Parvīz in the thirty-seventh year of his reign=627 A.D.". The above passage has been extracted from Professor Rapson's *Indian Coins*⁸⁹. The Nāgarī legend referred to by him consists of two parts, one *Śrī-Vahmana* to right and the other *Vāsudeva* to left⁹⁰. There is another type of this king's coins, the legends on which are important. On the obverse the legend is in the Sassanian Pahlavi, and reads *Saf Versu Tef—Śrī-Vāsudeva* in the inner circle to right, and, on the margin, *Saf Versu Tef—Wahman × Multān Malkā*⁹¹, meaning Śrī-Vāsudeva Vahmaṇa, king of Multān. On the reverse we have *Śrī-Vāsudeva* in Nāgarī characters and the Pahlavi legend, *Tukān Zāūlistān Sapardalakshān*=Ṭakka, Zabulistan and Sapādalaksha⁹².

Now, who was this Vāsudeva Vahmana, reigning at Multān over India, Zābulistān, and Sapādalaksha? The word *Vahmana* is commonly taken to be equivalent to Bahmana, and Vāsudeva is consequently supposed to have reigned at Bāhmanwāsi=Brāhmanābād in Sind⁹³. But Vahmana does not here stand as the name of a city or province. We have just seen that on one type of Vāsudeva's coins, we have simply *Śrī-Vahmana* and *Vāsudeva*. Here *Śrī* is prefixed to *Vahmana*, but never to *Tukān*, *Zāūlistān* or *Sapardalakshān*. Again, there is no such word as *malkā* here to denote that Vāsudeva was the ruler of Vahmana. It is, therefore, natural to conclude that Vahmana must here be the name of the family or tribe to which Vāsudeva belonged. And this name we easily obtain by reading the word as Chahmana or Chāhamāna, and not Vahmana. The letters *v* and *ch* in old days were so close to each other that one might easily be mistaken for the other. In fact, the first letter of the name has actually been read *ch* by Cunningham, though he is, of course, wrong in reading the next two letters as *ngāra* or *ndāra*⁹⁴. There can, therefore, be no doubt as to Chahmana being the correct reading. Chahmana, it need scarcely be said, stands for Chāhamāna; and what the legend on the coin means to say is that Vāsudeva was a Chāhamāna. Now, it is worthy of note that the work entitled *Prithvīrāja-vijaya* says that the first prince of the Chāhamāna family was Vāsudeva, who obtained the gift of the salt-lake, which he placed under the protection of the

⁸⁹ P. 30, § 109.⁹⁰ *N. Chron.* for 1894, p. 290.⁹¹ *Ibid.* pp. 292—3.⁹² See note 17 on page 29.⁹³ *N. Chron.* for 1894, p. 268; *Indian Coins*, by Rapson, p. 30, § 109.⁹⁴ *N. Chron.* for 1894, p. 290.

goddesses Âśâpurî and Sâkambhari⁹⁵. The same is stated in the colophon of Râjâśekharaśûrî's *Prabandha-kośa*, which contains a list of thirty-seven kings, belonging, it is said, to the *Sapâdalakshvîya-Châhamâna-nrîpa-vamśa*, i.e., to say "the Châhamâna royal family of the Sapâdalaksha country" ⁹⁶. This list too begins with "Râjâ-Vâsudeva," for whom the date 608 V.E. is also specified. It is, therefore, in every way reasonable to hold that Vâsudeva Châhamâna of the coins is identical with Vâsudeva, the first king of the Châhamâna dynasty. But the date 608 V.E.=551 A.D. assigned for him by the *Prabandha-kośa* is rather early, and the proper date to be assigned to him appears to be 627 A.D., concluded from one type of his coins being an exact copy of that of Khusru II. Parvîz, as mentioned above. Cunningham held that Vâsudeva was a later Hûna, but Professor Rapson is of opinion that he was a Sassanian. Probably he was a Khazar, and this would also adequately explain, I think, why some legends on his coins are Sassanian Pahlavi. But, this much is incontrovertible, that Vâsudeva was of foreign blood, and consequently the Châhamâna family to which he pertained was also a foreign tribe.

The next earliest prince of this dynasty was Sâmantha, with regard to whom the Bijoliâ inscription says that he was a Brâhmana (*vipra*), belonged to the Vatsa *gotra* and came originally from Ahichchhatra⁹⁷. This shows that Ahichchhatra was the original habitat of the Châhamânas and that they were Brâhmanas⁹⁸, that is to say, they originally belonged to some priestly class of foreign tribes. Like the Guhilots of Mewâr, who were originally Nâgar Brâhmanas, they exchanged their priestly for martial pursuits, and were afterwards merged into the Kshatriya caste. It is on the supposition that they were Brâhmanas that the poet Râjâśekhara's marriage with a Châhamâna lady becomes intelligible. In his *Karpûramañjarî* we are informed that his wife was Avantisundarî, "the chaplet of the Chaûhâna (Châhamâna) family." On the other hand, the facts that his surname was Yâyâvara, and that he styled himself *upâdhyaîya* or *guru* of Mahendrapâla and Mahîpâla-Vinâyakapâla shows that he was a Brâhmana. He, therefore, could marry Avantisundarî, only if the latter were of the Brâhmana family. Later on, however, their Brahmanic origin was forgotten, and instead of as belonging to the Vatsa *gotra* they were regarded as having sprung from the eye of Vatsa *Rîshi*⁹⁹.

Like the Châhamânas were the Kadambas, who were also originally Brâhmanas but became Kshatriyas afterwards. The very fact that in their copper-plate inscriptions they are styled *Hârîtîputras* and *Mânavya-sajotâs* is enough to show that they were of Brâhmana origin. But this matter is now set beyond all doubt by the Tâlgund inscription, the earliest record of their family¹⁰⁰. Therein we are told that "there was a high family of twice-born (*dvîja*) in which Hârîtîputras trod the path of the three Vedas, and which had sprung from the *gotra* of Mânavya, the foremost of Rîshis" and that these Brâhmanas (*vipra*) were called Kadambas, because they tended a *kadamba* tree near their house. In this family arose Mayûraśarman, who, being enraged at the oppressions of a Pallava king over Brâhmanas, fought with them and wrested from them a portion of their territory. The name Mayûraśarman here is noteworthy, for he is no doubt identical with Mayûravarman, the name of their ancestor specified by the later records of the Kâdambas. The Tâlgund inscription, however, attaches to his name the honorific suffix *Śîrman*, which is affixed to the names of Brâhmanas only. This also

⁹⁵ Vienna Ori. Jour., Vol. VII., p. 190.

⁹⁶ Reports of Sk. Mss. in South Ind. by Hultzsch, No. III., p. 114.

⁹⁷ Jour. Beng. As. Soc., Vol. LV., Pt. I., p. 41, v 12; Kavirâj 'Syâmaladâs, who edited this inscription, has wrongly read *Vipra-śrî-Vatsagotre-dhîdâ*. The original stone, which I inspected in 1905, clearly has *Vipra-śrî-Vatsa*, &c. The estampage, which I had then prepared with my own hand and I consulted before writing this note, supports this reading.

⁹⁸ Cf. also the expression *dîkshita-Vâsudeva* of the *Hammitra-mahâ-kâvya*, canto, 1, v. 27.

⁹⁹ Ep. Ind., Vol. IX., p. 74.

¹⁰⁰ Ibid., Vol. VIII., p. 31 ff.

shows that Mayûraśarman, the founder of the Kadamba dynasty, was a Brâhmana. But what is very strange is that his very son is in the same inscription called Kaṅgavarman, that is, with the title *varman* assumed by Kshatriyas. Be that as it may, the Brahmanic origin of the Kadambas remains indisputable.

I have stated above that, like the Kadambas, the Châlukyas also are known as *Hṛitîputras* and *Mānavya-saṅgotras*. They must have been somehow intimately connected with each other. There can be no question that the Châlukyas came from the north. The Kadambas also, therefore, seem to have emigrated from the same quarter. This also explains, I think, how the son of Mayûraśarman became a Kshatriya. What actually happened in the case of the Pratihâras, must have occurred here also. The custom of the offspring of a Brâhmana and a Kshatriya woman being called Kshatriya, which the Pratihâras followed, though not a Hindu custom, appears to have been followed by the Kadambas also, as will be shown subsequently. This also indicates the northern and foreign origin of the latter.

A stone inscription at Kargudari, in the Hangal *talukâ* of the Dhârwar district, represents this Mayûraśarman, or Mayûravarman (I) as he is therein called, as three-eyed and four-armed, as a son of the god Siva and the Earth, as having "bound his infuriated elephants to a shining pillar of a rock of crystal of (the mountain) Himavân," and as having brought from Ahichchhatra eighteen Brâhmanas whom he established in the Kuntala country¹. Another Tâlgund record² speaks of Mukappa-Kadamba,—“the three-eyed Kadamba”—supposed to be identical with Mayûraśarman as having brought twelve-thousand Brâhmanas, of thirty-two *gotras* purified by performing the *Agnihotra* sacrifice, from the *agrahâra* of Ahichchhatra and as having established them in the *agrahâra* of Sthâṅgûḍhapura, *i.e.*, Tâlgund itself in the Shimogâ district, Mysore. The Brâhmanas brought here from the north are said to have made an effort later to leave the province. “But they were brought back again, and in order to prevent a repetition of the attempt, were compelled to have unshorn a lock of hair on the forehead, as a distinguishing mark. From these are descended the present Haiga or Havika Brâhmanas of the north-west of Mysore, who wear their hair in that fashion. Ethnologically, their colour and features support the tradition of a northern origin”³.

Another foreign tribe, which came from the north to the south, is Sinda. An interesting record of this family has been found at Bhairanmaṭṭi⁴ in the Bâgalkot *talukâ*, Bijâpur District, Bombay Presidency. It says that there was a Sinda prince named Pulikâla, born in the race of the Nâgas, who had the *nâga-dhvaja* or hooded-serpent banner, and the hereditary title *Bhogavatîpura-paramêśvara*, *i.e.*, “supreme lord of the town Bhogavatî,” which was, according to Hindu mythology, the capital of the Nâga king Vâsuki in Pâtâla or lower regions. From a desire to see the earth, there came from these regions the serpent-king Dharapendra, and to him there was born at Ahichchhatra in the island of the river Sindhu (the Indus), a son, “the long-armed Sinda,” the progenitor of the Sinda family. The Sindas thus were a clan of the Nâga tribe, and came from Ahichchhatra.

We have seen that Sâmantha, one of the earliest princes of the Châhamâna dynasty, came from Ahichchhatra. Mayûraśarman, the founder of the Kadamba family, we know, proceeded to the Himâlayas, and brought with him a colony of Brâhmanas from Ahichchhatra. The implication is that Ahichchhatra was somewhere in the Himâlayas. The ancestor of the Sindas also, we now find, came from Ahichchhatrapura. Ahichchhatra thus appears to be the original

¹ *Ind. Ant.*, Vol. X., pp. 251 and 253.

² *Ep. Carnat.*, Vol. VII., Pt I., p. 121.

³ *Mysore and Coorg*, by Rice, p. 26. The Havig Brâhmanas of Kârwâr still say that they were originally brought by Mayûravarman (*Bombay Gazetteer*, Vol. XV., Pt. I., p. 117); cf. also the *Sahyâdrikhanda*, by Da Cunha, p. 334.

⁴ *Ep. Ind.*, Vol III., p. 232.

habitat in India of these foreign tribes, before they migrated southward or eastward. This Ahichchhatra is no doubt identical with the 'O-hi-chi-ta-lo' of the Chinese traveller Yuan Chwang⁵. Cunningham has identified this place with Râmnagar, about 22 miles north of Badâun, in the United Provinces⁶. But this identification does not seem to be correct, as Yuan Chwang distinctly states that the country of Ahichchhatra "is naturally strong, being flanked by mountain crags." This description does not at all suit the position of Râmnagar, which is on the Gangetic plains, and is not surrounded by hills. On the contrary, it perfectly agrees with what we are told in the Kadamba and Sinda inscriptions, *viz.*, that it was in the Himâlayan range. The Jaina works⁷ also mention one Ahichchhatra as the capital of Jângala, which in the *Mahâbhârata*⁸ is once placed near Mâdreya, which was situated between the Chenâb and the Sutlej⁹. The Jângala, *i.e.*, the jungly country near Mâdreya, can only be the southern part of the Himâlayas, where Ahichchhatra must consequently be located. To speak more clearly, there appear to have been at least three Ahichchhatras in northern India. One, as seems from the *Mahâbhârata*¹⁰, was to the north of Pañchâla. And this may now be represented by the ruins near Râmnagar, as Cunningham says. This may also be the Adisdara (for Adisadra) of Ptolemy which was in the Prasiakê¹¹, *i.e.*, the Prâchya, country. The second was Adeisathra¹² of the same Greek geographer, which must have been in the Adeisathroi territory, though, curiously enough, he disjoins one from the other. This, I think, is the same as the Adhichhatra of a Pabhosâ inscription¹³. The third, as just shown, was in the Himâlayas, is to be identified with Yuan Chwang's 'O-hi-chi-ta-lo,' and was probably the only Ahichchhatra flourishing in the mediæval times.

Now, the question arises: what was originally the name of this mountainous territory? The southernmost limit of it is formed by what is called the Siwâlik (properly Sawâ lakh) range. At present it is supposed to run parallel to the Himâlayas for about 200 miles from the Beas to the Ganges. But in the olden days it must have covered a far wider region. Two inscriptions found at Gayâ mention one Âsokavalla as the lord of the kings of the Sapâdalaksha mountains and as the overlord of a tributary named Purushottamasimha of the Kamâ, *i.e.*, Kamâun, country¹⁴. Another inscription of this king has been found in Gadhwâl. A reference to these hills is found also in the Mughal Emperor Babar's autobiography. Munshi Devi Prasad of Jodhpur informs me that according to Babar's account, this range commences with the Indus and runs through many parts of Kashmîr, such as Pakhli and Sahmanak. The same hills are called Hindukush in Kâbul, and after turning a little southward run straight off to the east. This range, says Babar, was called Sawâ lakh, because it contained no less than 125,000 hills. This whole hilly region must, therefore, widely speaking, be supposed to have been originally known by the name of Sapâdalaksha, but in particular it included the districts of Kamâun, Gadhwâl, Kângdâ, Hoshiârpur, and so forth, in fact, all that part of India between the Chambâ State and Nepâl. As foreign inroads extended southwards, it embraced also a portion of the sub-montane region along this line. This also explains

⁵ *Buddhist Records of the Western World*, by Beal, Vol. I, p. 200.

⁶ *Ancient Geography of India*, Vol. I., p. 359 ff.

⁷ Weber's *Die Sk. and Pr. Handschriften der Berliner Bibliothek*, pp. 562 and 854.

⁸ *Bhîshmaparvan*, Cap. IX. v. 39; see also v. 56 of the same *parvan* and *Uddyogaparvan*, Cap. LIV. v. 7.

⁹ Cunningham's *Ancient Geography of India*, Vol. I, p. 185.

¹⁰ *Âdîparvan*, Cap. 138, vs. 76-7. On the strength of this *adhyâya*, it is asserted that Ahichchhatra was the capital of north Pañchâla. But this is not actually borne out. Ahichchhatrâ is here called the capital, not of north Pañchâla, as it would have been stated, if it had really been so, but of *Ahichchhatra-vishaya*. In fact, north Pañchâla or Pañchâla proper was the country between the Ganges and Jamnâ. This agrees with what Râjasekhara says in the *Bâla-Râmâyana*, Act V. v. 86.

¹¹ *Ind. Ant.*, Vol. XIII., pp. 352-3; *vide* also *Kâsikâ* on Pâpini I. 1-75, where both Ahichchhatra and Kanyâkubja are included in Prâchya.

¹² *Ind. Ant.*, Vol. XIII., p. 361.

¹³ *Ind. Ant.*, Vol. X., pp. 342-6; *Jour. Bomb. As. Soc.*, Vol. XVI., p. 358.

¹⁴ *Ep. Ind.*, Vol. II., p. 243.

how, with the migrations of the Chāhamānas southward, the boundaries of Sapādalaksha came to be extended or rather the country over which they ruled came to be called *Sapādalaksha*. It has been stated above that Rājāsekharasūri, author of the *Prabandha-kośa*, speaks of them as *Sapādalakṣīya-Chāhamānas*, i.e., Chāhamānas of the Sapādalaksha (country). From inscriptions, and early Muhammadan writers, it seems that Sapādalaksha included Hānsi in the Panjāb, Ajmer, Maṇḍor, the old capital of Mārwar and 6 miles north of Jodhpur, and Māṇḍalgaḍh in Mewār¹⁵. All this was exactly the territory held by the Chāhamānas, and there cannot be even the shadow of a doubt as to this province being called Sapādalaksha only after their occupation. And what can be more natural than that they should give it the name of their original habitat? How else are we to explain again the fact that the district of Dhārwar over which a branch family of the Chālukyas ruled was known as Sapādalaksha, as the author of the *Pampa-Bhārata*¹⁶ informs us? Here too one conclusion only is possible. The original habitat of the Chālukyas, like that of Chāhamānas, was the mountain region called Sapādalaksha, and they too gave this name to the territory which they conquered in the south though it was far removed from the Himālayas. Thus the mountainous territory called Sapādalaksha was the original country where the Chāhamānas and Chālukyas were settled. It is with this Sapādalaksha that the Sapardalakshan of Vāsudeva's coins referred to above must be identified, and not with Rājputānā, as is done by Cunningham, because, northern Rājputānā came to be called Sapādalaksha about the middle of the eleventh century, and was in the time of Vāsudeva known as Gurjara-deśa only¹⁷. In this connection it is worth noticing that the so-called White Hun coins collection of Mr. Rawlins, so ably and lucidly noticed by Mr. V. A. Smith, came from the Plateau of Manaswāl situated on the outer range of the Sawālakh hills in the Hoshiārpur district¹⁸. In fact, this whole mountainous region had been occupied by the Hūnas and Gūjars before they spread southward and eastward.

Not only the fighting tribes such as Chāhamānas, Chālukyas and Sindas, but also Brāhmaṇas, came from Ahichchhatra, the capital of old Sapādalaksha. We have seen above that Mayūrasārman, the founder of the early Kadamba family, brought twelve-thousand Brāhmaṇas of thirty-two *gotras* from this place, and some of these at any rate are represented by the modern Havigas. The *Keralotpatti* tells us that the Brāhmaṇas in the south were brought by Paraśurāma from Ahichchhatram¹⁹. In inscriptions as well as in the colophons of old MSS., Brāhmaṇa

¹⁵ *N. Chron.* for 1894, p. 271. There can be no doubt that the kingdom of the Chāhamānas was called Sapādalaksha. At the end of his work, entitled *Dharmāmṛita*, Āśādharma says that he was born in the fortress of Maṇḍalakara situated in the country of Sapādalaksha, the ornament of which was Sākambhari (R. G. Bhandarkar's *Report* for 1883-84, p. 390). Sākambhari is no doubt Sāmbhar, the capital of the Chāhamāna kingdom. Sapādalaksha here can, therefore, denote the Chāhamāna territory only. This Sapādalaksha included, as Āśādharma informs us, Maṇḍalakara *durga*, i.e., Māṇḍalgaḍh in Mewār. This was, I think, its south-eastern limit. A Lāṇḍ inscription informs us that it included Nāgapattana, i.e. Nāgaur, and I have elsewhere stated that there is still a tract of land in the Nāgaur district, known as Svālakh or Savālakh, which is famous for bullocks. This formed its western boundary. How far its other boundaries extended is not clear. In this connection it may be stated that the last story of the first *tantra* of the *Pañchatantra* speaks of Sapādalaksha and also Pallipura (Pālī), but in such a way as to show that Pālī did not fall under Sapādalaksha, at any rate, at the time when the work was composed.

¹⁶ *Pampa Bhārata* (*Bibliotheca Carnatica*), by Rice, "Analysis of the Poem," p. 1. My attention to this was drawn by Mr. R. Narasimhachar of Bangalore.

¹⁷ The names of the countries that occur on the coins of Vāsudeva are Tukan, Jāūlistan and Sapardalakshan. Cunningham's identification of Jāūlistan with Jābulistan is incontrovertible. But Sapardalakshan is to be identified, as I have just shown, not with Rājputānā, but with the mountainous region comprising Kamānn, Gaḥwāl, Kāngḍā, Hoshiārpur and so forth. Tukan has been, identified by Cunningham with the Panjāb (*N. Chron.* for 1894, p. 269), but without sufficient grounds. On some coins instead of Tukan we have Takam. Again, the ending *an* is here tautologous, like that in Sapardalakshan. The true name thus appears to be Tāk=Takka, doubtless, the name of the province between the Indus and the Beas known as early as the eighth century (Stein's *Rājataranginī*, translation, Vol. I, p. 205, Note 150). Tukan, i.e., Takkadeśa, thus was contiguous with the old Sapādalaksha.

¹⁸ *Jour. Roy. As. Soc.* for 1907, p. 91.

¹⁹ *Ante*, Vol. VII, p. 281.

grantees or authors originally of Ahichchhatra are mentioned. Thus the Ujjain plates of 974 A.D. speak of the grantees Vasantâchârya as having emigrated (*vinirgata*) from Ahichchhatra, *i. e.*, belonging to the Ahichchhatra Brâhmaṇa community²⁰. Mahîdhara, the author of the *Mantramahodadhî*, speaks of himself as having emigrated from the territory of Ahichchhatra, which he calls *dvija-chchhatra*, *i. e.*, shelter of the twice-born²¹.

Linguistic considerations also lead us to the same conclusion. There is a group of languages called Pahâḍî, which, as Dr. Grierson tells us, are offshoots of Râjasthânî²². They are spoken in the Himâlayas from Chambâ in the Panjâb to Nepâl. Dr. Grierson, however, accounts for this close resemblance by saying that bands of Râjpûts at various times invaded these hills, settled there, and intermarried with the original inhabitants, on whom they imposed their language. I am not aware of any evidence that can be adduced to show that the Râjpûts, who conquered the hills, were from Râjasthân (Râjputânâ), as he, I think, clearly implies. On the contrary, what little I know runs counter to this view. For the Râjpût tribes known in Râjasthân are Châhamânas, Paḍihârs, and so on, but those which exist in the hilly districts of the Panjâb are Katoch, Pathânia, Jaswal²³, &c.,—quite unheard of in Râjasthân. On the other hand, the principal Râjpût tribes of Râjasthân have themselves come, as I have just shown, from this hilly country, which was in olden times known as Sapâdalaksha. The Châhamânas and the early Châlukyâs came from this region and the Bhâtîs also appear to have come from here, for they have a sub-division amongst them called Sawâlakhîâ, which is found even among the Bhâtî Mâlîs²⁴. There may be many other Râjpût clans, such as Paramâras and Paḍihârs, who also came from Sapâdalaksha, although we know nothing about them just now in this respect. The close resemblance between Râjasthânî and Pahâḍî has, therefore, to be explained by the fact that the predominant tribes of Râjputânâ, who alone could influence Râjasthânî, themselves came from the hilly tracts where Pahâḍî is spoken. In this connection it deserves to be further noticed that another offshoot of Râjasthânî, as Dr. Grierson informs us, is Gujarî, "the language of the Gûjars wandering with their herds over the mountains of Kâshmir and the Swat valley." This doubtless connects the principal Râjpût tribes of Râjputânâ, who have influenced Râjasthânî, with the nomadic Gûjar race, a conclusion by no means startling. These tribes are what are called the *agnikulas*, *i. e.*, Châhamânas (Chavâns), Paramâras (Paṁvârs), Chaulukyâs (Solânkis), and Prathâras (Paḍihârs). Solânkis and Paḍihârs we know for certain to be of Gûjar origin. And though no proof can as yet be actually brought forward, there is every likelihood of the Chavâns and Paṁvârs also being Gûjars. With regard to the Châhamânas (Chavâns) in particular, we have seen above that we have strong evidence in support of their foreign origin. I believe that as legend has brought these four Râjpût tribes together and classed them under *agnikula*, they all came from Sapâdalaksha and were of Gûjar race.

That the Gûjars were foreigners has now been admitted on all hands. They have been identified by the late Sir James Campbell²⁵ with the Khazars who occupied a very prominent position on the borderland of Europe and Asia especially in the sixth century A. D. It is worth noticing here that Khazar is called Gazar to the north of the sea of Asof, that Ghyssr is the name for Khazars who have become Jews, and that Ghusar is the form of Khazar in use among the Lesghians of the Caucasus²⁶. All these forms, *i. e.*, Gazar, Ghyssr and Ghusar approach so closely the Indian name Guzar, that it would be well-nigh impossible to dissent from Sir James Campbell's view. Reminiscences

²⁰ *Ante* Vol. VI, pp. 50 and 52.

²² *Imperial Gazetteer*, Vol. I., pp. 364 and 368.

²³ *Census of the Panjâb*, by Ibbetson, for 1881, pp. 248-51.

²⁴ *Census Report of the Jodhpur State (Hindî)*, for 1891, Vol. III, p. 89; Sawâlakhîâ is also a *khâmp* among the Baid-Kâyasthas (*Ibid.*, p. 404).

²⁵ *Bombay Gazetteer*, Vol. IX., Pt. I., p. 471 ff.

²¹ *Oxford Catalogue*, by Aufrecht, p. 100.

²⁶ *Ibid.*, p. 472.

of their immigration to India are preserved in the names of the various provinces called after them. Thus in the first place, we have a tract of land called Gurjistān, apparently in the neighbourhood of the White Hūṇa capital Badeghiz²⁷. A modern trace seems to remain in Ujaristān, the initial *G* being dropped, beyond Arghandāb west of Hazārā. A third Gujaristān is near Ghaznī. There are other provinces named after them, which are too numerous to mention. But the three instances I have here given are sufficient to show that the Gūjars were originally outside India. Now, ethnologists of repute are of opinion that Khazars, though perhaps not of the same stock as the White Hans, were certainly most intimately connected with them²⁸. This explains why the advent of the Gūjars was almost synchronous with that of the Hūṇas in India. The earliest mention of Gurjara occurs in the Aihole inscription, Bāṇa's *Harshacharita* and Yuan-Chwang's itinerary²⁹, which are practically of the same period, *i. e.*, the first half of the seventh century. But then the Gūjars had been so firmly settled in Rājputānā that this last was called Gurjaradeśa after them. And it would be interesting to know whether they were known by this name only even at the time when they entered India. In Chapter XIV of his *Bṛīhatsaṃhitā*, Varāhamihira places a tribe called Kachchhāra in conjunction with Hūṇa in the northern division of India³⁰. It need scarcely be said that Kachchhāra comes so close to Khazar that it seems extremely tempting to hold that one is an Indian form of the other. An Ephthalite coin, found in the old Sapādalaksha, has been described by Mr. V. A. Smith, which on the obverse has (Khi)jara and on the reverse Śrī-Prakāśāditya³¹. Khijara here is doubtless a mistake for Khajara, another Indian form of Khazar; and the coin shows that Prakāśāditya was a Khazar by race. Inscriptions in southern India have been found of certain chiefs, who are therein described as of the Jīmūtavāhana lineage and of the Khachara race³². Thus Kachchhāra, Khachara, Khajara and Gurjara are all names denoting one tribe just as we have the names Chāhamāna, Chohān, Chavhān, Chavān and Chhāhamā for the family to which the celebrated Prithvirāja belonged. "The Khazars were fair-skinned, black-haired, and of a remarkable beauty and stature; their women indeed were sought as wives equally at Byzantium and Baghdad³³." This satisfactorily answers, I think, those who maintain that there is no admixture of foreign or aboriginal blood in the Brāhmaṇas or Rājputas simply because they are fair and clear-featured.

We now come to the Maitraka tribe. For long it was thought that Maitrakas were the enemies of Bhaṭārka, the founder of the Valabhi dynasty. But the correct interpretation of the passage wherein they are mentioned requires us to suppose that they were the tribe to which Bhaṭārka belonged³⁴. I have elsewhere said that Bhaṭārka is to be placed *circa* 500 A. D., *i. e.*, exactly the time when the might of the Hūṇas had overshadowed northern India. I have little doubt that they entered into India with the Hūṇas. I have also said that the Maitrakas were the same as Mihiras, the well-known tribe of Mers, as in Sanskrit both *Mitra* and *Mihira* mean the same thing, *viz.*, the sun. This itself is enough to stamp the Valabhi dynasty as originally foreign barbarians. In consonance with this view is the fact that the name Bhaṭārka and perhaps the name of his son Dharasena are hardly indigenous or Hindu, but have all the look

²⁷ *Bombay Gazetteer*, Vol. IX., Pt. I., p. 478.

²⁸ *Encyclopædia Britannica*, Vol. XIV., 'Article on Khazar.'

²⁹ *Jour. Bomb. As. Soc.*, Vol. XXI., p. 425.

³⁰ *Ante* Vol. XXII., pp. 172 and 179. Khacharas also are mentioned by Varāhamihira further on in this list. But here the word has to be translated with Dr. Fleet by "the roamers in the sky," as they are placed between *Keśadharas* and *Svāmukhas*.

³¹ *Jour. Roy. As. Soc.*, for 1907, p. 93.

³² *Bombay Gazetteer*, Vol. I., Pt. II., pp. 439, 443, 450, 452, 476 and 523.

³³ *Encyclopædia Britannica*, Vol. XIV., p. 59.

³⁴ In my paper on the 'Guhilots' (*Jour. Beng. As. Soc.* for 1909, p. 183) I have given credit to Prof. Hultzsch for having first proposed this interpretation, but I now find that, as a matter of fact, Dr. Fleet was the first to suggest it (*ante* Vol. VIII., p. 303), though he afterwards gave it up (*Gupta Insers.*, p. 167).

of being the Sanskritised form of foreign names. And it is, no doubt, these princes who brought from the north the word *divira* in *divira-pati*, which occurs in their copper-plate charters, but is a Persian word. With the Maitrakas are closely associated the Nāgar Brāhmaṇas; at any rate, they make their appearance first during the regime of the Valabhi dynasty. Mr. Vallabhji Haridatt Acharya of Rājkoṭ has kindly supplied me with a verse which sets forth what are called the 'Sarmans,' i.e., name-endings, of the various *gotras* of the Nāgar Brāhmaṇas. It has been found by him in three MSS. of the work *Pravarādhyāya* connected with the Nāgars. One of the MSS. is dated *Samvat 1788 Vaiśākha śūda 8 Bhrigu*, and all distinctly and unmistakably state that the *gotras*, *pravaras*, &c., therein specified are those which were in existence before Samvat 1283. This verse, which is of great importance, runs as follows:—

इत्त-गुप्तौ नन्द-घोषौ शर्म-दासौ च वर्म च ।
नागइत्तस्त्रात-भूतौ मित्र-देवौ भवस्तथा ॥

Here is a list of thirteen 'Sarmans,' which were in use amongst the Nāgar Brāhmaṇas nearly 700 years ago. Even now they are affixed to their names, when they perform the religious ceremonies. Here; however, we are concerned with three of them, just to show that the list is not a fiction, but has some foundation in fact. These three 'Sarmans' are Mitra, Trāta, and Datta. In the *Pravarādhyāya*, Mitra has been assigned to two *gotras*, viz., Sārkarāksha and Gāngyāyana. In my paper on the "Guhilots" I have given extracts from three copper-plates all found at Alīnā,³⁵ in which the names of the Brāhmaṇa grantees as well as of their fathers end in *mitra*. Here then we have three instances of *Mitra* 'Sarman.' That they were Nāgar Brāhmaṇas is clearly proved by the fact that they all originally belonged to and came from Ānartapura or Ānandapura, which is identical with Vaḍnagar. And the *gotra* of these donees, as given in the copper-plates, is Sārkarākshi, the same as Sārkarāksha, specified in the *Pravarādhyāya*. The latter again gives for *Trāta* 'Sarman' the *gotras* Bhāradvāja and Ātreya. Let us see whether this also is borne out by any inscription. The Vāvaḍiyā-Jogiā plates³⁶ of Dhruvasena I, and dated 221 G.E. speak of the grantees thus:

आनन्दपुरवास्तव्य-ब्राह्मण-स्कन्दत्रात-मुहत्राताभ्यां भरद्वाज-
सगोत्राभ्यां छन्दोगसब्रह्मचारिभ्यां &c., &c.

The name Ānandapura shows that the grantees here also were Nāgar Brāhmaṇas. Their names, it is worthy of note, end in *Trāta*, and both are of the Bharadvāja *gotra*, which thus perfectly agrees with the information contained in the *Pravarādhyāya* about this 'Sarman.'

Another Valabhi grant³⁷ has the following:—

आनन्दपुरविनिर्गत-वल्लभिवास्तव्य-त्रैविद्यसामान्य-गार्ग्यसगोत्र-
—अभ्वर्धु-ब्राह्मणकिङ्ककपुत्र-ब्राह्मणमगोपदत्त &c., &c.

Here also the donee is a Nāgar Brāhmaṇa, as he is said to have emigrated from Ānandapura. His name is Magopadatta, which ends in the Sarman' *Datta*, and his *gotra* is Gārgya, which agrees with the *Pravarādhyāya*, the last giving no less than nineteen *gotras* for this 'Sarman,' of which Gārgya is undoubtedly one.

It is thus evident that the Nāgar Brāhmaṇas figure first in the time of the Valabhi princes, and that the same 'Sarmans' that are now, were even then, current amongst them. Now, the question arises: what can these 'Sarmans' be? These 'Sarmans' cannot possibly be in all cases mere name-endings. For the name-endings that we generally meet with are the names of gods such, e. g., in Maṇisankar, or some terms descriptive of being devotees of those gods, such, e. g.,

³⁵ *Jour. Beng. As. Soc.* for 1909, pp. 181—2.

³⁷ *Ante* Vol. XI., p. 309.

³⁶ *Vienna Ori. Jour.*, Vol. VII., p. 299.

in Ambādās. But in the present list, most of them, such as Nanda, Varman and so forth, are certainly neither of them. On the contrary, even a moment's reflection will convince us that no less than ten of these thirteen 'Sarmans' are found as family names among Kāyasthas in Bengāl, corresponding to Datta, Gupta, Nandi, Ghosh, Śarmā, Dās, Barmā, Bhut, Mitra and Deb³⁸. And of these the names Gupta, Varman, and Mitra are by no means unfamiliar to Indian epigraphy as those of royal families. Several coins have been found in Oudh, Rohilkhand, and Gorakhpur, the legends on which give the names of kings ending in *mitra*; and these have consequently been rightly assigned to the Mitra dynasty³⁹. The Gupta family is too well known to require any mention. All the kings of the Maukbari dynasty have their names ending in *varman*, and have, therefore, been styled also as the Varman dynasty⁴⁰. Again, if these 'Sarmans' are mere name-endings, it is inconceivable how Varman could have found a place in their list. For *Varman* is a suffix attached to the names of Kshatriyas only, and cannot possibly be affixed to the names of Nāgar Brāhmaṇas, as they are Brāhmaṇas. But the very fact that Varman is included in the list shows that it is not a mere honorific suffix but a family name, whose existence is attested by the Maukharis also called Varman, and by the surname Barmā actually current in Bengāl among the Kāyasthas⁴¹. Mr. Āchārya has told us in one place that, at the time of performing religious ceremonies, it is customary to say *Bhagvanlāla-trāta* for *Bhagvānlāl*, *Maṇisaṅkar-gupta* for *Maṇisaṅkar* and so forth⁴². Here at any rate *Trāta* and *Gupta* cannot be taken as mere suffixes. For as suffixes they would be tautologous, as we have them already in *lāl* of *Bhagvānlāl* and *Ṣaṅkar* of *Maṇisaṅkar*. The conclusion is, therefore, irresistible that at least ten of these 'Sarmans' represent the names of families or tribes that were incorporated into the Nāgar Brāhmaṇa caste. This seems to point to a racial identity or affinity between the Kāyasthas of Bengāl and the Nāgar Brāhmaṇas of Bombay Gujarāt.

If this line of reasoning has any weight, Mitra, one of the 'Sarmans' amongst the Nāgar Brāhmaṇas, really represents one of such tribes or clans amalgamated into that caste. And we have already seen that the Nāgar Brāhmaṇas, first came to notice during the rule of Valabhi kings who were Maitrakas. It is difficult to avoid the conclusion, as I have stated elsewhere, that Maitraka and Mitra denote one and the same tribe, just as we know that the Solankis of Gujarāt have been called by one and the same poet at one time Chulukyās and at another time Chaulukyās.

Besides the Mitras, there were, of course, as I have just stated, other families or tribes that were incorporated into the Nāgar Brāhmaṇa caste. In this connection the following learned words of the late Sir James Campbell deserve to be noticed:—"The facts that there are Nāgaras among Gujarāt Waniās; that Nāgaras are 50,000 strong among the Gūrjaras of Bulandshahr (*N. W. P. Gazetteer*, III, 48); and that Nāgaras appear as Nagres among Jats (*Sialkot Gazetteer*, 45) add to the doubt of the correctness of the Gujarāt Nāgara claim to be Brāhmaṇas"⁴³. Nāgars thus appear not to have been indigenous to Gujarāt, but came there from the north. When they did come into Gujarāt, they doubtless established themselves at

³⁸ *The Tribes and Castes of Bengal*, by Risley, Vol. II., Appendix pp. 74-5.

³⁹ *Indian Coins*, by Rapson, §§ 44 and 53; *Catalogue of the Coins in the Indian Museum*, Calcutta, by V. A. Smith, p. 184.

⁴⁰ *The Chronology of India*, by C. Mabel Duff, p. 308.

⁴¹ The Kāyasthas of Bengal are, according to traditions, supposed to have come from Kanauj in the time of Ādiśūra (*The Tribes and Castes of Bengal*, Vol. I, p. 438). And that the Nāgars also came from the north, will be shown further on. Nothing, therefore, goes against the view of their racial affinity, if not, identity. It is again worthy of note that the Śrīmālī Brāhmaṇas of Mārwār also have no less than nine 'Sarmans' in common with the Nāgars; viz., Nanda, Trātaka, Mitra, Bhūta, Dāsa, Gupta, Ghosha, Datta and Deva (*Census Report of the Jodhpur State*, for 1891, Vol. III., pp. 141-3). This shows that the Nāgar and Śrīmālī Brāhmaṇas and the Bengal Kāyasthas originally belonged to the same race.

⁴² *Vienna Ori. Jour.*, Vol. VII., p. 296.

⁴³ *Bombay Gazetteer*, Vol. IX., p. 438, note 9.

Ānandapura or Vāṇnagar. It is in the Vāṇnagar *prāśasti* of Kumārapāla (1143-1174 A.D.) that the place is for the first time called Nagara, and also the caste name Nagara of these Brāhmaṇas mentioned. When Viśnagar was founded and some of them settled there, the old place came to be called not simply Nagara, but Baḍā-Nagar, the old Nagar, which was Sanskritised into Vṛiddhanagara as well as Vāṇanagara. I believe all their present sub-divisions except one, are the offshoots of the first swarm of the Nāgar Brāhmaṇas, who were settled at Ānandapura. The exception is that of the Prashṇorās, who, it is worthy of note, call themselves Ahichchhātās or Ahichchhatrajñātīyas⁴⁴. This points to the conclusion that not only Nāgars in Bombay Gujarāt, but even Gurjar Nāgars of Bulandshahr and Jāj Nargres were so named after some place called Nagar, which was not far from Ahichchhatra. For, if this Nagar had not been in the close neighbourhood of Ahichchhatra, the Nāgars and Prashṇorās would not have belonged to the same stock; and consequently the latter, when they emigrated from Ahichchhatra and came into Gujarāt, would not have been admitted into the Nāgar caste. Now, there is such a place in the Sawālakh hills, called Nagar or Nagarkoṭ⁴⁵, which was the old name of Kāngḍā, the principal town of the district of the same name, Punjāb. There is a temple of Devī here, which was one of the most ancient and famous shrines in northern India, and was largely resorted to by pilgrims from the plains. The riches of the temple attracted the attention of Muhammad of Ghaznī, who in 1009 A.D. took the fort and plundered the temple. It is this Nagarkoṭ, I conjecture, that was like Ahichchhatra, the cradle of a caste of Brāhmaṇas called Nagar or Nāgar, who spread everywhere in India. Thus we have Nagar or Nāgar Brāhmaṇas, not only in the Bombay Gujarāt, but in Mysore and also in Nepāl. There are again sub-divisions named Nāgar, Nagarī or Nagarīā among the Kāshmīrī, Kanojiā and Maithil Brāhmaṇas⁴⁶.

Looked at even from the orthodox point of view, the present Nāgar Brāhmaṇa caste is a curious combination of Brahmanic and non-Brahmanic elements. Two of their "Sarmans," viz. *Sarman* and *Deva* are, as laid down by the *Smṛitis*, name-suffixes of the Brāhmaṇas, one, viz., *Varman* is that of the Kshatriyas, two others, viz., *Datta* and *Gupta* are those of the Vaiśyas, and one, viz., *Dāsa* of the Śūdras. All these elements, it may, therefore, be argued, combined to form the Nāgar caste. But the correct view appears to me to be to take all these "Sarmans" as the names of tribes or clans that were amalgamated into the Nāgar caste, with more or less a Gurjara strain in it, as we have just seen. The following words are worth quoting in this connection from a letter from Mr. N. B. Divatia, B.A., Assistant Collector, Ratnāgiri: "Nor can it be argued against your theory of clan-indicators that, after all, these suffixes are merely individual name-suffixes like *lāl*, *Saṅkar*, *Rām*, *rāy*, &c., in use amongst the Gurjarātīs at present (e.g., Motilāl, Amṛitlāl, Mohanlāl, Premsaṅkar, Bhavānīsaṅkar, Mahipātrām, Rūprām, Mukundrāy, Śivaray, &c.), or *rāu* amongst the Marāṭhās, and that, therefore, these "Sarmans" are no more clan-indicators than are these *lāl*, *Rām*, &c. For, while these *lāl*, &c., pertain merely to individuals, each "Sarman" was the peculiar property of a certain separate group of individuals, that group was wedded to that particular "Sarman" in the matter of naming their members.

"This principle has survived even the dropping of the 'Sarman' suffix, as is evidenced by the fact that the Nāgars, although they have not these suffixes tacked on to their names now, are supposed to own particular hereditary 'Sarmans.' Thus, then, the invariable possession of a common 'Sarman' by a large number of families would naturally presuppose an underlying common basic idea, and that idea must be the clan, as it fits in all-round.

⁴⁴ *Bombay Gazetteer*, Vol. IX., Pt. I., p. 15, notes 1 and 2.

⁴⁵ The antiquities of Nagarkoṭ have been described by Cunningham in *Archaeol. Surv. of India*, Vol. V., p. 155 ff. Nagarkoṭ is referred to and described by Yuan Chwang (Watters' *Yuan Chwang*, Vol. I., pp. 187-). Another name by which it was famous was Sūśanmanagara (*Ep. Ind.*, Vol. I., p. 100, and Vol. II., p. 488). Nagara, as the name of a town, was known to the author of *Kāśikā* (see his gloss on *Pāṇini*, IV., 2.95).

⁴⁶ Wilson's *Indian Caste*, Vol. II., pp. 61, 96, 148 and 152.

I dare say one noteworthy feature has attracted your attention: *viz.*, that while 'Sarmans' (e. g., Mitra, Gupta, Datta and others) have taken the place of surnames in Bengâl, amongst the Nâgars the Sarmans are only historical heritages, not in use now for generations past, and for surnames the Nâgars have separate *avañahkas*. This also will indicate, in a way, that 'Sarmans' at one time indicated more than a family. Thus the Bengâl Kâyasthas reduced their 'Sarmans' to the position of surnames (just as the Scotch clan-names are now family names, that is surnames), whereas we Nâgars dropped the 'Sarmans' for all practical purposes, keeping them only as ornamental mementos of a social state long gone by, just like the *gotra*, and adopted the *avañahkas* for the surnames. Even the *avañahkas* would have disappeared from practice, in fact they were not in daily use, till the University practice requiring surnames gave occasion for their revival, though of course the surnames were not as defunct as the 'Sarmans.' With regard to the presence of *Sarman* in the list of the thirteen 'Sarmans,' Mr. Divatia says as follows: "I think the terminal *Sarman* was claimed (as their peculiar 'Sarman') by such of the Nâgars as had no real clan-indicating 'Sarman,' either because, having had one, it had long been forgotten or dropped, or because they did not descend from any definitive clan. An exact parallel of this process is at present found in the case of the surname amongst us Nâgars. There are a certain number of families who possess no real surname at all, and, therefore, they have given themselves Mehtâ as, their surname; and, as all Nâgars know, Mehtâ is a term applied to Nâgars in a general way, thus:—Mehtâ Nandânikar, Mehtâ Bâpûbhâi, and so forth. This was the practice in addressing Nâgars in writing, now gone out of use, except in business account books."

I have proved elsewhere, conclusively I hope, that the Guhilots were originally Nâgar Brâhmaṇas⁴⁷. To this tribe belongs the celebrated Udaipur dynasty, looked upon as the purest Râjpût family in the whole of Râjputânâ. I have also shown there that the Guilots have been styled **Brahma-Kshatri** in one inscription and also in one bardic chronicle. The Sena Kings of Bengâl bore the same caste name. Mr. R. Narasimbachar of Bangalore has kindly drawn my attention to at least three such instances in the south. Thus Śrâvaṇ-Belgoḷa, No. 109, of about 983 A.D. says that Châmuṇḍarâya, the celebrated Jaina minister of the Gaṅga king, Râchamalla, belonged to the Brahma-Kshatra family. The same fact is mentioned in the *Châmuṇḍarâya-purāṇa* (978 A.D.) also. Udayâditya, a Gaṅga chief, of the eleventh century is described as of *Brahmakshatra-vîr-ânvaya*⁴⁸. Sirigirinâtha Oḷeyar, governor of Ârâga, under Devarâya II. of Vijayânagar, was a Brahma-Kshatra⁴⁹. We have thus no less than five royal families that have been designated Brahma-Kshatri. The question here arises, what can be the meaning of this composite name, Brahma-Kshatri? I have elsewhere suggested that Brahma-Kshatri denote families which were Brâhmaṇas first, but afterwards exchanged their priestly for martial pursuits and were fused into the Kshatriya class. I still maintain that this is at least one explanation. It is supported by the very nature of the compound Brahma-Kshatra, which has to be dissolved as *âdau Brâhmāṇaḥ paścât Kshatrâḥ*, i. e., those who were Brâhmaṇas first and became Kshatriy as afterwards. The legends of the *Chhîpṛā* caste in Mârwar, to which allusion has been made elsewhere, also show that they came to be called Brahma-Kshatri only after they gave up their Brahmanhood for their new profession. But a second explanation is not impossible at least in some cases. It may be asserted that some families became Brahma-Kshatri by intermarriages between the Brâhmaṇa and Kshatriya classes. We know that Harichandra, the progenitor of the feudatory Prathâra family, was a Brâhmaṇa, and had two wives, one a Brâhmaṇa, and the other a Kshatriya woman. Offsprings from the first were styled Prathâra

⁴⁷ *Jour. Beng. As. Soc.*, for 1909, p. 167 ff.

⁴⁸ *Ep. Carnat.*, Vol. VII., Shikârpur; Nos. 109, 110 and 130.

⁴⁹ *Ibid.*, Vol. VIII., Tîrthahalla; No. 23; here the phrase Brahma-Kshatriya is used.

Brāhmaṇas, and from the latter Pratihāra Kshatriyas. We have a similar instance also, I think, in the case of Kadambas. The founder of this family, as we have seen above, was Mayūraśarma. That he was a Brāhmaṇa is clearly shown by his honorific suffix *śarma* and by the actual use of the word *vipra* in the well-known Tālgund inscription. But his own son bears the designation of *varman* appropriate to a Kshatriya only. This shows that Mayūraśarma too, like Harichandra, must have married a Kshatriya woman, and consequently was the originator of a Kshatriya family. But against this view is the fact that the Pratihāras and Kadambas are nowhere in inscriptions or elsewhere known as Brahma-Kshatris. A third explanation also can be adduced with regard to the origin of this composite name. In the *Purāṇas* we find at least two old royal families that are called Brahma-Kshatra. Thus the *Vāya-purāṇa* in chapter 99 has the following verses :

अत्रानुवंशलोकोऽयं गीतो विप्रैः पुराविदैः ।

ब्रह्मक्षत्रस्य यो योनिर्विशो देवर्षिसंस्कृतः ॥ २७८

क्षेमकं प्राप्य राजानं संस्थां प्राप्स्यति वै कलौ ।

इत्येष पौरवो वंशो यथावदनुकीर्तितः ॥ २७९

In the *Vishṇu-purāṇa* occurs the following verse at the end of *Amśa* IV., chapter 21 :

ब्रह्मक्षत्रस्य यो योनिर्विशो राजर्षिसंस्कृतः ।

क्षेमकं प्राप्य राजानं स संस्थां प्राप्स्यति कलौ ॥

Here the Paurava family is called Brahma-Kshatra, and with regard to its signification, the commentator on the *Vishṇu-purāṇa* says: ब्रह्मणः ब्राह्मणस्य क्षत्रस्य क्षत्रियस्य च योनिः कारणं पूर्वं यथोक्तत्वात् । This means that from the Paurava family emanated both the Brāhmaṇa and Kshatriya families. We know that the parents of Puru, who was the progenitor of the Pauravas were Yayāti and Sarmishthā, both unquestionably of the Kshatriya caste. Hence the question will naturally arise, how and what Brāhmaṇa families could have sprung from Puru? Chapter 19 of Book IV of the *Vishṇu-purāṇa* answers it. In part 9 of the chapter we have गर्गाच्छनिस्ततो गर्ग्याः सैन्याः क्षत्रोपेता द्विजातयो बभूवुः. in part 10 occur the words अजनीढात्कण्वः कण्वान्मेधातिथिर्यतः काण्वायना द्विजाः and in part 16 the words मुद्गालाच्च क्षत्रोपेता द्विजातयो बभूवुः. The expression क्षत्रोपेता द्विजातयो बभूवुः is explained in the commentary by क्षत्रिया एव केनचित्कारणेन ब्राह्मणाश्च बभूवुः. From these quotations it is clear that no less than four Brahmanic families originated from Puru, *viz.*, Gārgya, Sainya, Kāṇvāyana and Maudgalya. This is the reason why the Paurava family is styled Brahma-Kshatra. Yayāti and Sarmishthā had also another son called Anu. One of his descendants called Vijaya is spoken as a Brahma-Kshatra. The verse in the *Harivaṃśa* runs thus :

जयद्रथस्तु राजेन्द्र यशोदेव्यां व्यजायत ।

ब्रह्मक्षत्रौत्तरः सत्यां विजयो नाम विद्युतः ॥ १७०७

The prose passage in the *Vishṇu-purāṇa* corresponding to it, is :

ब्रह्मक्षत्रान्तरालसंभूत्यां ⁶⁰ पत्न्यां विजयं नाम पुत्रमजीजनत् ।

The passage is explained by the commentator in the following words :

प्रातिलोम्येन ब्रह्मक्षत्रयोरन्तराले संकरे संभूतिर्जन्म यस्याः

तस्याः सुतायां पत्न्यां । ब्राह्मण्यां क्षत्रियाज्जातः

सूत इति स्मृतेः । अतो मातृवद्वर्णसंकरा इति वचनाद्विजयः

सूत एव । अतश्च कर्णोपि तद्वद्वत्त्वात्सूतत्वेन ख्यातः ।

There is a little confusion in the commentary here, but what the commentator means is that Vijaya's mother's mother was born of a Kshatriya father and Brāhmaṇa mother, and that he is, therefore, called Brahma-Kshatra, *i. e.*, Sūta, after the caste of his mother. This

⁶⁰ In the *Bhāgavata-purāṇa*, Sambhūti is given as the name of Vijaya's mother. But this is a mistake. His mother's name was Satyā, as given by the *Harivaṃśa* and *Vāyu-purāṇa*.

explains, he says, why Karna also, who was brought up by Adhiratha, a descendant of Vijaya, was called 'son of Sūta.' I do not know where the commentator obtained his information from, regarding the origin of Vijaya's mother. The fact was probably something like this: In the *Harivaṃśa* (l.1776) we are told that Bṛīhanmanas, father of Vijaya, had two wives named Yaśodevī and Satyā, both daughters of Vainateya. And from Satyā sprang Vijaya. Vainateya, being a son of Kaśpapa, was a Brāhmaṇa; the queens of Bṛīhanmanas were consequently Brāhmaṇa girls. Vijaya had thus for his father a Kshatriya and for his mother a Brāhmaṇī, and was thus a Brahma-Kshatra. There can be little doubt that a something derogatory is here implied, as clearly shown by the term *sūta* which is applied to Adhiratha in 1,1709. Thus we see that, even in the old *Purāṇas*, the meaning of the phrase Brahma-Kshatra was not definitely settled, and that at one place it is applied to a Kshatriya dynasty from which Brāhmaṇa families sprung up and at another to princes, one of whose forefathers, although a Kshatriya, married a Brāhmaṇa woman. There can, however, be no doubt, I think as to the sense in which the expression is used in inscriptions. It is applied, as I have stated above, to families that were Brāhmaṇa first but became Kshatriya afterwards.

[This was how I had concluded my lecture that has been transformed into this paper:—"To sum up what we have said so far, there is hardly a class or caste in India, which has not a foreign strain in it. There is an admixture of alien blood not only amongst the warrior classes—the Rājapūts and the Marāṭhās, but also amongst the Brāhmaṇas, who are under the happy delusion that they are perfectly free from all foreign element. If the Brāhmaṇas have not escaped this taint, as we have seen, and yet call themselves Brāhmaṇas, it excites the risibility of the antiquarian or the ethnologist when he finds some Brāhmaṇa castes strenuously calling in question the claims of certain warrior classes to style themselves Kshatriyas. The grounds of this strenuous opposition, as stated by the Brāhmaṇa castes, are that pure unmixed Vedic Aryan blood does not run through the veins of those warrior classes. Yes, this is quite true; but it is equally true that pure Vedic Aryan blood does not run through the veins of the Brāhmaṇas also. Looked at from the antiquarian or ethnological point of view, the claims of either community to such a purity are untenable and absurd. As the chief thing valued by the members of the higher castes, *viz.*, purity of blood, *i.e.*, absence of any admixture of aboriginal or foreign blood, has been proved to be hollow and non-existent, the caste jealousies and controversies, which cause immense mischief, are really useless and meaningless. It is to be sincerely hoped that the knowledge furnished by ethnology and the study of ancient inscriptions will spread among the people, and open their eyes to the emptiness and worthlessness of the thing they are fighting for, and put an end to all caste animosities and disputes, which are the bane of India.]

CORRESPONDENCE.

IS TOBACCO INDIGENOUS TO INDIA ?

SIR,

In a letter published in the *Indian Antiquary*, June, 1909, p. 176, headed "Is tobacco indigenous to India?" I pointed out, in view of the assertion made by Mr. V. A. Smith that tobacco and the *hukka* were unknown in India before the sixteenth century, when the drug was introduced by the Portuguese, that an earthen *hukka* was obtained from the ruins of the Sarnāth monasteries, the dates of which range from the third

century B.C. to the twelfth century A.D. In support of my contention that the practice of smoking tobacco was well-known in India long before the sixteenth century, I now proceed to adduce some evidence from Sanskrit literature.¹

1

In the *Kādambarī* (P. 35, line 4, Kāśināth Pādurang Parab's 2nd Revised Ed., Nirnaya-sagar Press, Bombay, 1896) the poet Bāṇa, who lived in the seventh century at the court of king

¹ I may state at the outset that I am a non-smoker and have no particular interest in proving that my countrymen have been smoking tobacco from the earliest times.

Harshavardhana of Kanauj, in describing king Sūdraka, says—

परिपीतधूमवार्तिरुपस्पृश्य च गृहीतताम्बूल...

'The king after finishing his royal dinner drunk (i. e. smoked) 'smoke-stick' or cigar and took betel.

To this day the expression for "smoking" in all north Indian languages is "धूमपान" i. e. "smoke-drinking," and the habit of chewing betel and smoking after dinner is a common Indian habit.

2

The term धूमवार्ति in the sense of a cigar occurs also in Charaka's *Chikitsāsthāna*, Chap. 26:—

एरण्डनलक्ष्मिगुग्गुल्वगुरुचन्दनैः ।

धूमवार्ति पिबेद्भस्मैरकुष्ठतगरैस्तथा । ९६ H

(The patient) should smoke from smoke-pipes furnished with smelling substances like *eranda*, *nalada*, *kshauma*, *guggulu*, *aguru* and *chandana*, but not with *kushtha* and *tagara*.

3

There are, besides, elaborate descriptions, in the medical works of Suśruta, Vāgbhaṭa and Charaka, himself, of the process of manufacturing a cigar or धूमवार्ति. Vāgbhaṭa says—

जले स्थितामहोरात्रमिषिकां द्वादशांगुलाम् ।

पिष्टैर्धूमौषधैरेवं पक्वकृत्वः प्रलेपयेत् ॥

वार्तिरगुष्ठवत् स्थूला यवमध्या यथा भवेत् ।

छायाशुष्कां विगर्भान्तां स्नेहाभ्यन्तां यथायथम् ॥

धूमनेनातिपां पानुमग्निप्लुष्टां प्रयोजयेत् ॥

'Take *ishikā* or *kuṣū* grass, 12 *angulas* (or finger-breadths) long, wet with water for a day and night. Anoint it five times with ground 'smoking-drugs.' When the वार्ति (or cigar-stick) is made as thick as the thumb and a little thicker in the middle like a barley-corn, it should be dried in the shade, and so on.'

4

Suśruta gives almost the same process in the following words—

तत्र प्रयोगिके वार्ति ह्यपगतशरकाण्डां निवातातप-
शुष्कामङ्गारिष्ववदीप्य नेत्रमूलस्रोतसि प्रयुज्य धूमनाहरेति
ब्रूयात् ।

'After making a pipe from the stem of a reed, drying it completely in a windless sunny weather and heating it in a charcoal fire

the patient should be asked to smoke (therefrom).'

5

So also Charaka—

पिष्टां लिम्पच्छरेषीकां तां वार्तिं यवसन्निभां ।

'Prepare the pipe by grinding the smoking-ingredients with water into a paste and smearing with it a reed-stem shaped like a barley-corn.'

6

Passages describing the efficacy of smoking also occur in these medical works. Suśruta prescribes smoking for persons suffering from headache, etc., and says—

नरो धूमोपयोगाच्च प्रसन्नेन्द्रियवाङ्मनाः ।

दृढकेशद्विजडमधुः सुगंधिविशदाननः ॥

'By smoking a man's senses, speech and mind become gentle, the hair, teeth and beards become firm, and the mouth becomes fragrant and cheerful.'

7

Again, in his *Chikitsāsthāna*, Chap. 40, Suśruta says—

कासश्वासप्रतिश्यायान् हन्याद्वनुशिरोरुजः ।

वातश्लेष्माविकारांश्च हन्याद्धूमः सुयोजितः ॥

वैरेचनः श्लेष्माणुक्लेदश्यापकर्षति

रौक्ष्यात्तैष्ण्यात्तैष्ण्याद्वैश्याच्च । चिकित्सास्थानम् ४०

'By smoking, asthma, lock-jaw, stiff-neck, head-ache, hemiplegia, hemiparalysis become relieved. *Vairechana*-smoke (*vairechana* means that which is inhaled for promoting evacuations of every kind) forces out phlegm by virtue of its *rauکشya*, *taikshnya*, *aukshnya* and *vaiśadya*.'

8

Charaka *Sūtrasthānam*, Chap. 5, has the following—

स्नात्वा भुक्त्वा समुत्थित्य क्षुत्वा दन्तान् विघृष्य च ।

नावनाञ्जननिद्रान्ते चात्मवान् धूमपो भवेत् ॥

'After bathing, after eating, after bringing out the phlegm in the throat by artificial means; after sneezing, after cleansing the teeth, after purging the cerebrum by having taken snuff; after applying collyrium to the eyes, and after waking from sleep:—the man of prudence will take to smoking.'

9

Again in the *Charakasthāna*, Chap. 8, Charaka prescribes smoking for people who feel in their

'After sneezing' implies sneezing by the use of artificial means, such as the application of a blade of grass or stiff thread of cotton. 'After cleansing the teeth' implies the morning, for that is the time when the people of our country wash their teeth. By doing this the parts of his body above the collar-bone will not become liable to disease of the wind, or of the phlegm, or of both wind and phlegm. He should, however, drink the smoke three times, etc.

mouth a distaste for everything, and yet again in the *Sūtrasthānam*, Chap. 5, Charaka has a regular inventory of the advantage of smoking—

गौरवं शिरसः शूलं पीनसार्द्धावभेदकौ ।
कर्णाक्षिशूलं कासश्च हिकाश्वासौ गलग्रहः ॥
दन्तशैबल्यमासावः स्रोतोघ्राणाक्षिदोषजः ।
पूतिघ्राणास्यगन्धश्च दन्तशूलमरोचकः ॥
हनुमन्यामहः कण्डूः क्रिमयः पाण्डुता मुखे ।
श्लेष्मप्रसेको वैस्वर्ग्यं गलशुण्डशुपजिह्विका ॥
खालित्यं पिञ्जरत्वञ्च केशानां पतनस्तथा ।
द्वयुश्चातितन्द्राच बुद्धेर्मौहोऽतिनिद्रता ॥
धूमपानात् प्रशाम्यन्ति बलं भवति चाधिक ।
शिरोरुहकपालानामिन्द्रियाणां स्वरस्य च ॥

चरक सूत्रस्थानम् ५ अः ।

'Heaviness of the limbs, headache, inflammation of the schneiderian membrane (with loss of sense of smell), hemicrania, otalgia, ophthalmalgia, cough, hiccough, asthma, hoarseness (of voice), weakness of the teeth, otorrhea, discharge from the nose, discharge from the eyes, ozoena, foetid smell in the mouth, odontalgia anorexia, lock-jaw, stiff-neck, itching, worms, paleness of the face, mucous discharges, discordance of voice, enlarged tonsil, inflammation of the ranula, morbid baldness, reddish yellowness of the hair, falling of the hair, sneezing, sleepiness, dulness of the understanding, long sleep or coma,—all these relieved by inhalation of the smoke of tobacco. Such smoke also enhances the strength of the hair, the forehead, the senses, and the voice.'³

All the medical works above referred to are certainly pre-Muhammadan and certainly before the sixteenth century. According to Dr. Hoernle's *Studies in the Medicine of Ancient India*, Charaka flourished between the first

century B.C. and the third century A.D.⁴ and Suśruta flourished as early as the sixth century B.C.⁵ The latter was the court physician of the celebrated 'Indo-Scythian' king, Kanishka. Vāgbhaṭa flourished early in the seventh century or about 625 A.D.⁶

10

The habit of smoking seems to have been so wide-spread as to have been regarded by the authors of the Purāṇas as a national vice to be severely condemned. Thus we have in the *Skanda-Purāṇa*, *Mathurā Khaṇḍa*, Chap. 52, a long indictment against the practice of smoking—

धूमपानेन भो प्रेताः प्रेतत्वञ्चैव जायते ।
कलौ तु कलिरूपं हि तमालमेव जायते ॥
घोरे कलियुगे प्राप्ते सर्वे वर्णाश्रमाः नराः ।
नरकेषु पतिष्यन्ति तमालस्य च पानतः ॥
उपासन्ते तमालं वै कलौ तु पुरुषाधमाः ।
क्षीणपुण्या पतिष्यन्ति महारौरवसङ्गमे ॥
अभक्ष्यभक्षणात् पापमग्न्यागमनाच्च यत् ।
मद्यपानाच्च यत् पापं धूमपानस्य मात्रतः ।
स्कन्दपुराण, मथुराखण्ड, ५२ अः ।

'Smokers after death will be turned into ghosts. During the Kaliyuga, Kali himself will be incarnated as the *tamāla* leaf.

'On the advent of the Kaliyuga all the castes will be cast into hell on smoking tobacco. The worst type of men will fall victims to tobacco. Thus, losing their *dharma*, they will fall into the Mahāraurava hell. The eating of forbidden food, illicit intercourse with women, the drinking of wine and the smoking of tobacco cause the same amount of sin'.

As to the antiquity of the *Skanda-Purāṇa* Mr. V. A. Smith has the following note in his

³ For those who desire to know the Sanskrit names of the diseases mentioned here, but from want of acquaintance with Sanskrit, are disinclined to consult the original, the Sanskrit names are given below in the order in which their English equivalents occur:—Gaurava, Īrahṇṇā, Pinasa, Arddhāvabhedaka, Karpāṇṇā, Akshīṇā, Kāsa, Hikkā, Qvāsa, Galagraha (in verse 19), Dantadaurbalya, Ārota-āsraṇa, Ghrāṇasraṇa, Akshisraṇa, Pūtiḥgrāṇa, Āsyagandha, Dantaṇṇā, Arochaka (in verse 20), Hanugraha, Manyāgraha, Kaṇḍū, Krimi, Mukhapāṇḍutā, Qleshmapraseka, Vaisvaryya, Galaṇḍū, Upajihvikā (in verse 21), Keçakbālitya, Keçapiṇjaratva, Keçapatana, davathu, Tandrā, Buddhimoha, Atinidratā.

⁴ Vide Mr. V. A. Smith, *Early History of India*, pp. 225-6; Dr. Fleet, in *J. R. A. S.*, 1906, p. 979 ff.; Mr. D. R. Bhandarkar, in *J.*, *Bombay Branch R. A. S.*, Vol. xx., p. 269 ff.

⁵ Hoernle's *Medicine of Ancient India*, Part 1, 1907, p. 8, 106.

⁶ Hoernle, *Medicine of Ancient India*, Part 1, 1907, p. 11.

Early History of India, 2nd Ed., p. 20. "Independent proof of the existence of the *Skanda-Purāṇa* at the seventh century is afforded by a Bengal manuscript of that work, 'written in Gupta hand,' to which as early a date as the middle of the seventh century can be assigned on palæographical grounds."

11

It is to be noticed that the particular drug mentioned in this passage is called *tamāla* (तमाल). This leads to a consideration of the Indian name for the drug tobacco. It is well-known that the Bengali term for tobacco is *tāmāku* (तामाकु), which I believe is a corruption of the Sanskrit word *tāmra-kūṭa*. The occurrence of this word *tāmra-kūṭa* (ताम्रकूट) in old Sanskrit works is proved by the following quotations and reference:—

संविदा कालकूटञ्च ताम्रकूटञ्च धूस्तूरम् ।
अहिर्निन खञ्जूरसः तारिका तरिता तथा ॥
इत्यष्टौ सिद्धिद्रव्याणि यथा सूर्याष्टकं म्रिये ।
इति कुलार्णवे ।

Here *tāmra-kūṭa* is mentioned along with opium, *gānjā* and other intoxicants and therefore must mean 'tobacco.' There are eight intoxicating drugs mentioned in the '*Kulārṇava-Tantra*' of which tobacco is one.

12

The *Śabdakalāṇḍarūpa* (शब्दकल्पद्रुम) refers to the *Viṣṇusiddhāntasārāvalī* (विष्णुसिद्धान्तसारावली) and says—

यथा विष्णुसिद्धान्तसारावल्यां वैद्यके । अथ धूम्रपणीं
धूम्रपान गुणाः ।

कलञ्ज-संवेष्टन-धूम्रपानात् स्यादन्तशुद्धिर्मुखरोगहानिः
कफप्लगामज्वरहानि कृच्च गान्धर्वविद्याप्रवर्णकसेव्यम् ।

'Tobacco' serves the purpose of smoking. The smoke stick made of tobacco makes the teeth clean and cures all mouth-diseases, drives away cough and acute fever. It is good for those who wish to be good singers.

My contention is that the Sanskrit word *tāmra-kūṭa* (ताम्रकूट) and its corruption, the Bengali *तामाकु* (*tāmākū*) are the same as the word *तमाल* (*tamāl*) occurring in the passage quoted above from the *Skanda-Purāṇa*. In sup-

port of this, I may mention that this very *tamāl* leaf is prescribed as a medicine for head diseases in the old medical works.

13

Then as to the *hukḥā* or hubble-bubble. Here is a passage from the Charaka's *Saṁhitā Sūtra-sthānam*, Chap. 5, which describes the preparation of smoking pipe, the prototype of the modern *hukḥā*.—

कञ्जु त्रिकोषाफलितं कोलास्थाग्रमाणितं ।
वस्तिनेत्रसनद्रव्यम् धूमनेत्रं प्रशस्यते ॥

५ अः ३४ पृष्ठ ।

'The pipe should consist of three straight limbs. The bottom of the first limb should be of the measure of the seed of a jujube. In the construction of a smoking pipe the use is applauded of materials employed in constructing enema pipes.'

14

Finally as to the prevalence of tobacco smoking before the days of Portuguese expansion into the Islands of the Indian Archipelago, which are believed by scholars like Mr. V. A. Smith to have received tobacco from the Portuguese at the same time as India, we may quote a European authority.

Prof. Alfred Haddon, F.R.S., who in his *Head Hunters* says—"Although smoking was practised in these Islands (Papua and New Guinea) before the Whitemen came, and they grew their own tobacco, they never smoked much at a time. The native pipe is made of a piece of bamboo from about a foot to between two and three feet in length They enjoy it greatly and value tobacco very highly, they usually sell almost anything they possess for the same.'

GANAPATI RAY,

Librarian, Bengal National College Library,
Calcutta.

NATIONAL COLLEGE, CALCUTTA,
The 21st March, 1910.

THE CHALUKYA GENEALOGY ACCORDING TO THE KANNADA POET RANNA.

BY B. NARASIMHACHAR, M.A., BANGALORE.

ONE of the greatest poets in Kannada was Ranna or Kavi Ranna. He was the author of several works, though only two of them, the *Gadā-yuddha* or *Sāhasa-Bhīma-vijaya* and the *Āṭila-purāṇa*, have come down to us. The former he wrote in A.D. 982 and the latter in A.D. 993. He was a renowned poet at the court of the Chālukya king Taila II. It is satisfactory that, unlike other poets, Ranna gives in his works several interesting particulars regarding himself. He was born in A.D. 949 at Muduvola in the Jambukhaṇḍi 70 of the Belugali 500 in the Belugare-nāḍu; and the Belugali-dēśa was situated, he tells us, to the north of Toragale and to the south of Taddavāḍi, with the Gaṭṭage (? Gatprabha) and the Perdoṛe, "the great river," i.e., the Kṛishṇā, flowing through it.¹ He was a Jaina, of the Vaisya caste, the family profession being that of the bangle-sellers. His mother was Abbalabbe, father Jinavallabhendra, brothers Rēchaṇa and Māramayya, wives Jakki and Sānti, son Rāya, and daughter Attimabbe. He was also patronized by Chāvuṇḍa-rāya, the celebrated Gaṅga general, who set up the colossal statue of Gommaṭa at Śravaṇa-Belgoḷa. His guru was Ajitasēnāchārya, who was likewise the guru of Chāvuṇḍa-rāya. At first honoured by *sāmantas*, then by *maṇḍalikas*, he rose to great eminence at the court of the emperor Taila II, who bestowed upon him the title *Kavi-chakravarti* and presented him with a (?) *madanāvātāra*, a parasol, a chowri, an elephant, and a (?) *bhattagāve*. As among kings the Nijabhuja-chakravarti Taila, the "emperor by (the strength of) his own arm," required no assistance for victory in battle, so among poets the Kavi-chakravarti Ranna, "the emperor among poets," required no assistance for composing poems. He was well versed in both the grammars, the Jainendra and the Śabdānūsāsana. Among the poets that preceded him, he mentions Pampa, author of the *Ādi-purāṇa*, and Ponna, author of the *Śānti-purāṇa*, and says that his own work, the *Ajita-purāṇa*, which he styles *Purāṇa-tīlaka*, can be compared only with theirs. Pampa, as we know, also wrote the *Vikramārjuna-vijaya* and was patronized by the Chālukya prince Arikēsari. Ponna, as we learn from his *Śānti-purāṇa*, received the title Kavi-chakravarti from the Rāshtrakūṭa king Kannara, Kṛishṇa III. Ranna tells us that Pampa, Ponna and himself formed three jewels that illuminated the Jaina religion; that by composing the *Ādi-purāṇa* and the *Ajita-purāṇa* Pampa and himself became pre-eminent among the Jaina Brāhmaṇas and the Jaina Vaisyas respectively; and that, as Pampa and Ponna acquired fame in the Raṭṭa kingdom, so he himself acquired fame in the Chālukya kingdom. From the last statement, that Pampa, the protégé of Arikēsari, acquired fame in the Raṭṭa kingdom, we may perhaps infer that Arikēsari's 1½ lakh country (*sapāda-lakṣa-leśhitī*) was also included in the Raṭṭa dominions.²

The circumstances in which Ranna wrote his two works may now be considered. There was a Jaina Brāhmaṇa, named Nāgamayya, in Puṅganūr of the Kamme-dēśa in the Veṅgi-maṇḍala. He had two sons: Mallapa and Ponnamayya. Mallapa was not only a great warrior, but also a liberal patron of literary merit. On the death of their guru Jinachandra-muni, the two brothers caused the *Purāṇa-chūḍāmaṇi*, i.e., the *Śānti-purāṇa*, to be written by Ponna. Mallapa's brother Ponnamayya fought on behalf of king Taila with Gōvindara, who had marched against him allied with traitors, and fell on the bank of the Kāvērī. Mallapa had five sons and three daughters.

[¹ Regarding these places see Dr. Fleet, above, vol. XXX, (1901), p. 380 f. Two of them are Mudhōḷ and Jambukhaṇḍi, within the limits of the Belgaum District. Toragale is Torgal, about twenty-six miles towards the south from Mudhōḷ. Taddavāḍi is Taddewāḍi, in Bijāpūr, about eighty miles towards the north-north-east from Mudhōḷ.—Ed.]

[² The "Jōḷa country" mentioned by some scholars in connection with Arikēsari has no existence in fact. It was brought into existence by a misapprehension of the meaning of the expression *jōḷada-pāḍi* in the original, which simply means 'obligation or indebtedness.'

ters. Two of the latter, Attimabbe and Guṇḍamabbe, were given in marriage to king Taila's great minister Dallipa's son Nāga-dēva. Mallapa's eldest son Guṇḍamayya gained a victory over Gōnara. Nāga-dēva, surnamed Oṇṇaramalla and Subhaṭa-Tripṇētra, had a son by Attimabbe, named Paḍevaḷa Taila. Having been an eye-witness of the valour displayed by him in the war with the Kumaras, king Taila made Nāga-dēva his general. The latter also defeated the army of Pāñchāla, and, by order of Ballaha (Taila), drove out Mallama from Karahaḍa, *i.e.*, Karhāḍ, Karāḍ, in the Sātārā District. On his death, his second wife Guṇḍamabbe, who was childless, became a *sati*: the other wife Attimabbe spent her life in the observance of religious rites and the performance of charitable deeds. Attimabbe's son Paḍevaḷa Taila became in course of time a commander of Taila's army. It was at the request of Attimabbe that the *Ajita-purāṇa* was written by Ranna. He extols her liberality in a number of verses, calling her *dāna-chintāmaṇi*, "a wishing-stone of gifts," and says, incidentally, that she excelled by far four men who were justly renowned for their liberality, namely, Būṭuga, Noḷambāntaka, Chāvinḍa-rāya and Saṅkaragaṇḍa. Of these, the first is no doubt identical with the Gaṅga prince of that name (A.D. 938-953); the second can hardly be any one except the Gaṅga prince Mārasimha (A.D. 961-974), who had the title Noḷamba-kulāntaka; the third is well known; and the fourth is perhaps identical with a chief of that name who belonged to the Chellakēṭana family and was a feudatory of Amoghavarsha I.³ With regard to his other work, the *Gaḍāyuddha*, Ranna says that, in admiration of the valour, liberality and other virtues of king Taila's son Satyāśraya, he took him for his hero, and, identifying him with the Pāṇḍava prince Bhīma, composed the poem. As stated above, he wrote this work in A.D. 982, only a few years after his patron Taila II restored the Chālukya power. Satyāśraya is eulogized in a number of verses at the beginning of the poem. The titles applied to him are Iṇṇiva-bedaṅga, Chālukya-Nārāyaṇa, Chālukya-kaṇṭhīraṇṇa, Chālukya-mārtaṇḍa, Chālukya-Kandarpa, Sāhasa-Bhīma, Kumaraṇka-Rāma, Akaḷaṇka-charita, Ammaṇa-gandha-vāraṇa and Sāhasaṇka; and it is from his title Sāhasa-Bhīma that the work was named *Sāhasa-Bhīma-vijaya*. A few of the particulars given by the poet regarding Satyāśraya may be noted here. He was the son of Āhavamalla and Jākavve.⁴ On his being conceived by his mother, the vehicles and other valuables of enemies came into the possession of Āhavamalla; on his birth, the glory of an emperor became the portion of his father; and on his becoming able to fight, his father's fame spread to the points of the compass. By order of king Taila, he, seated on an elephant, marched against the Ghūrjara army and defeated it. He also routed the lord of the Koṅkaṇ, and extended the kingdom as far as the sea. With his one elephant he fought against the whole force of the Ghūrjara elephants and conquered it. He cut down the enemy (the Ghūrjara king), who had taken a vow that he would not bathe until he had slain the foe (Satyāśraya), who had killed his dear younger brother. When Aparājita, seized with fear, fled and entered the sea, he desisted from slaying him, since it is not consistent with true valour to kill men who embrace a *liṅga*, enter water, put on a woman's garments, or ascend an anthill. Hemmed in by the ocean on the one side and the sea of Satyāśraya's army on the other, Aparāditya trembled like an insect on a stick, both the ends of which are on fire. Satyāśraya burnt Amśunagara in Aparāditya's country and received twenty-one elephants from him. The Aparājita mentioned above is the Silāhāra king of that name, of the Northern Koṅkaṇ; and the name Aparāditya evidently refers here to the same person, inasmuch as it cannot refer to either of the chiefs of that exact name in the same dynasty, since they were later than Satyāśraya by nearly a century and a half. Incidentally Ranna mentions a Kēśi-daṇḍanāyaka, known as Brahmā (*Vanaruha-bhava*), who revised his poem. He was apparently a great literary character.

³ Duff's *Chronology*, pp. 73, 80.

⁴ In some manuscripts the name appears as Chākavve: but the inscriptions always give the name with *j*.

The colophon at the end of the work,⁶ in which the poet gives some of his patron's titles, runs thus:—*Idu samasta-bhuvan-āśrayam śrī-prithvī-vallabham mahārājādhirāja-paramē śvaram parama-bhaṭṭārakam śrī-Satyāśraya-kula-tilakam śrīmad-Āhavamalla-dēva-śrī-pāda-kalpapādap-āśray-āsannavarti kavi-chakravarti Kavi-Ranna-viracitam appa Chāḷukya-chakravarti-śrī-Sāhasa-Bhīma-vijayadoḷa Bhīmasēna-paṭṭābhishēka-varnanam daśam-āśvāsam sām̐pūrnam.*

In the second *āśvāsa* of the work Ranna gives the pedigree of his hero's family, which may be summarized thus:—Among Satyāśraya's ancestors were **Satyāśraya-vallabha**, also known as **Vishṇuvardhana**, lord of **Ayōdhyāpura** and an abode of truth and other virtues; **Jaya-simha-dēva**, a lion to the elephants, the **Rāshtrakūṭas**; **Raṇaraṅgasimha**, a Rāma in war; **Pulakēsi-dēva**, lord of **Vātāpīpura**, a performer of horse-sacrifices, with a glory extending to other *dvīpas*; **Kirtivarma-dēva**; his son **Satyāśraya-dēva the Second**; his younger son **Maṅgaḷārṇava**; **Satyavratī the Second**, also known as **Satyāśraya**; his son **Ādityavarma**; his son **Vikramāditya**; his son **Durdharamalla**; his son **Vijayāditya-bhaṭṭāraka**, known as **Niravadya**; his son's friend **Koṅkaṇi-Vikramāditya**, also known as **Vikramārṇava**; his son's friend, **Kirtivarma**; his younger son **Bhīmaparākrama**; his son **Kirtivarma the Second**; his son **Tailapa the Senior**; his son **Kundiya-Bhīma**, who killed **Mukundi**; his son **Vikramāditya-dēva**; his son **Ayyaṇa-dēva**, also known as **Raṇaraṅgamalla**; his son **Vikramāditya**, also known as **Uttuṅgamalla**; to him of the Chāḷukya family and to **Boṅkā-dēvi**⁶ of the Chaidya family was born **Āhavamalla-dēva**, also known as **Nūрмаḍi-Tailapa**, (described with a large number of titles,⁷ among which may be mentioned) the terrifier of **Karahaṭa**, (?) capturer of **Pallikōṭa**, putter to flight of **Bhadraka**, terrifier of the **Koṅkaṇa**, a lion to the elephant the (?) **Krākalika** king, a **Rikshasa** in the battlefield, a spotless **Rāma**, *taḷavarga-taḷa-prahāra*, a dreadful poison to the **Rāshtrakūṭas**, *Nījabhūja-chakravarti*, a lion to the elephant the **Pāñchāla**, a fearful fever to the **Ghūrjara**, a fire to the **Māḷava**, (?) **Utpakya-malla**. Through these the Chāḷukya family attained pre-eminence.

Though the genealogy given by Ranna does not quite agree with the published genealogy of the dynasty based on inscriptions,⁸ still it deserves consideration by scholars as coming from an author who was a contemporary and a protégé of Taila II. himself, and, as such, may be supposed to have had access to the official records. It has, however, to be stated here that the manuscripts of the work that have, so far, come to light are not very satisfactory and consequently the published edition cannot be implicitly relied on. In this genealogy we find a few persons named without any hint whatever as to their relationship to those that preceded them, while in all other cases the relationship is clearly expressed. To begin with, we have a **Satyāśraya**, lord of **Ayōdhyā**, after whom apparently the family was called the **Satyāśraya-kula**. The next two names evidently represent his son and grandson. We are then introduced to **Pulakēsi I.**, who, according to our author, was the first king of **Vātāpī** or **Bādāmi**. The next two members are clearly his son and grandson. The expression 'his younger son' occurs in two places, and it is exactly in these places that Ranna's genealogy differs considerably from the published one. The word 'younger' seems to indicate that the pronoun 'his' does not refer to the immediate predecessor, as there would be no reason for passing over an elder son, but to the member whose elder son and elder son's son have been mentioned. According to this interpretation, **Maṅgaḷārṇava** would be the younger son of

⁶ It also occurs at the end of every *āśvāsa*.

⁶ In one of the manuscripts the reading is **Bontā-dēvi**, in fair agreement with the inscriptions, which give **Bonthādēvi**.

⁷ See the Kannaḍa original given at the end.

⁸ See the tables in Dr. Fleet's *Dynasties of the Kanarese Districts* in the *Bombay Gazetteer*, vol. 1, part 2, at pp. 336, 379.

Pulakēśi I. The next name, Satyāśraya or Satyavratī II., is clearly a repetition of the name that precedes Maṅgaḷārṇava. Vikramāditya I., who is a younger brother of Ādi yavarma according to the published genealogy, is here said to be his son: it is just possible that Ranna is wrong here, but the matter has to be investigated. Instead of Vinayāditya we have a different name, Durdharamalla, which looks like a title. Niravadya is given as another name of Vijayāditya. Each of the next two members is introduced with the curious expression 'his son's friend,' which appears to convey a hint that they were not lineal descendants. If the expression 'his younger son,' which again occurs here, is interpreted as before, Bhīma-parākrama would be the younger son of Vijayāditya. Ranna makes Bhīma II. the son, and Vikramāditya III. the grandson, of Taila I., while according to the published genealogy, Vikramāditya III. is the son and Bhīma II. the grandson. Here Ranna is more likely to be right. The whole genealogy as given by Ranna is accordingly as shown on p. 45 below. It agrees in a general way with the published genealogy of the dynasty; and its latter portion, showing the connection between the earlier and the later Chālukyas, is confirmed, except as regards the relative order of Kundiya-Bhīma and Vikramāditya, by the Kauṭhēm grant of A.D. 1009⁹. This is important in view of the doubts expressed by some scholars¹⁰ with regard to the direct lineal descent of Taila II. from Vijayāditya. There is thus reason to think that Taila II. really was a descendant of the former family of Western Chālukyas who preceded the Rāshtrakūṭas.

In conclusion, I give, for purposes of reference and comparison, the portion of the *Sāhasa-Bhīma-vijaya*, in which Ranna gives the Chālukya genealogy:—

Avara pūrvajar app arasugaḷaḷag Ayōdhyāpura-paramēśvaranum satyādi-guṇagaṇ-āśraya-vallabhanum ati-pravṛddham āda diśā-danti—prakāṣa prabhāvanum appa Satyāśraya-vallabhanim Vishṇuvardhan-āpara-nāmadhēyanim, Rāshtrakūṭa-gaja-ghaṭā-vighaṭana-simhan enisida Jayasimha-dēvanim, ati-pravardhana-praj-ānurāganum ati-prabala-raṇa-Rāmanum enisida Raṇaraṅgasimhanim, Vātāpipura-varēśvaranum āsvamēdha-yajña-dikshita [num] dvīp-ānāra-prakāṣa-prabhāvanum enisida Pulakēśi-dēvanim, parirakshita-pavitra-varman enisida Kīrtivarma-dēvanim, tat-tanayan app eraḍaneya Satyāśraya-dēvanim, avana kirīya magan appa Maṅgaḷārṇavanim, Satyāśrayan app eraḍaneya Satyavratīyim, tat-tanayan app Ādityavarmanim, tad-apatyan appa Vikramādityanim, tat-putran appa Durdharamallanim, tan-nandanān appa Niravadya-āpara-nāmadhēyan appa Vijayāditya-bhaṭṭarakanim, tat-sūnu-mitran appa Vikramārṇavan enisida Koṅkaṇi-Vikramādityanim, tat-sūnu-mitran appa Kīrtivarmanim, ātana kirīya magan appa Bhīmaparākramanim, taj-jātan app eraḍaneya Kīrtivarmanim, tat-sūnuv appa Piriya Tailapanim, ātana magan appa Mukundiya konda Kundiya-Bhīmanim, ātana magan appa Vikramāditya-dēvanim, ātana magan appa Raṇaraṅgamallan enip Ayyaṇa-dēvanim, ātana magan Uttuṅgamallan enisida Vikramādityanim, Chālukya-kul-ōdbhavan appa Vikramāditya-dēvaṅgam Chaidya-kul-ōdbhavey appa Boṅkā-dēvigam puṭṭidam svasti samasta-bhuvanāśrayam śrī-prithvī-vallabham mahārājādhirājam rāja-paramēśvaram parama-bhaṭṭarakam Karahaṭa-bhayaṅkaram, Jāḷandra (?) kulina-bhuvana-sad-guṇa-maṇi-vibhūṣaṇam sindhura-kandhar-ādhirūḍha Pallikōṭ-ōḷlaṅghanam Bhadraka-vidrāvaṇam Koṅkaṇa-bhayaṅkaram ubhaya-bala-dallaḷam mārmaḷev ari-gaja-kēsari karīndra-kaṇṭhīrava-mallam vairi-phaṇīndra-sauparṇam Krākalika (?) rāja-gaja-kēsari raṇa-kumbhi-kumbha-kaṇṭhīravam Yādava-kul-āmbara-dyumaṇi raṇa-raṅga-bhīṣaṇam ripu-bala-puñja-gaja-ghaṭā-bhañjanam sāmanta-mṛiga-kārdūlam raṇa-raṅga-rākshasam akalaṅka-Rāman talavarga-taḷa-prahāram ariṣṭa-gharaṭṭam Rāshtrakūṭa-kāḷakūṭam niḷa-bhuja-chakravartī Pāñchāla-madēbha-pañchānaṇam (?) sambhāra-simhīva-Ghūrjara-vajra-dādhā-Ghūrjara-bhaya-jvaram samasta-Māḷava saptaṛchi śātru-grah-ōchchātananum maṭṭam anēka-dēśādhiśvaram para-nṛipamada-gaja-ghaṭā-bhañjananum (?) Utpakyamallam śrīman-Nūrmaḍi-Tailapan enisid Ahavamalla-dēvanin udītōḍitam āgi banda Chālukya-vamsam.

⁹ Above, vol. 16, p. 15.

¹⁰ *History of the Dekkan*, pp. 190, 211; *Dynasties of the Kanarese Districts*, p. 378.

Satyāśraya-Vishṇuvardhana;

lord of Ayōdhyāpura.

Jayasimha.

Raṇaraṅgasimha.

Pulakēśi;

lord of Vātāpipura.

Kīrtivarma.

Māṅgārṇava

Satyāśraya II
(or Satyavrati II).

Ādityavarma.

Vikramāditya.

Durdharamalla.

Niravadya-Vijayāditya.

(His son's friend)

Vikramārṇava-Koṅkaṇi-Vikramāditya.

(His son's friend)

Kīrtivarma.

Bhīmaparākrama.

Kīrtivarma II.

Tailapa I.

Kundiya-Bhīma;
slayer of Mukundi.

Vikramāditya.

Raṇaraṅgamalla-Ayyapa.

Uttuṅgamalla-Vikramāditya;
married Boṅkādēvi of the Chaidya family.

Ahavamalla-Nūrmāḍi-Taila II.

MALLISHENA-MAHAPURANA.

BY K. B. PATHAK, CHITRAHALA, POONA.

I have obtained on loan from Lakshmisēna Bhaṭṭāraka, the head of the Jain *maṭha* at Kolhāpur, a palm-leaf manuscript of the *Mallishēna-mahāpurāṇa*. The manuscript is not dated. It contains 98 palm-leaves, each leaf measuring $13\frac{1}{2}$ ' by 2'. It is written in old Canarese characters and in the Sanskrit language. The manuscript contains many mistakes, as will be evident from the opening and concluding *praśastis* given below. I remember to have seen another manuscript of this work in the private library of the late Brahmasūri Shastri at Śravaṇa Belgōla in Mysore. With the aid of this manuscript, it will be easy to restore the correct text of the *praśastis*. But as I have no time to obtain the loan of this second manuscript, I content myself with placing before Sanskrit scholars the following *praśastis* as they are found in the Kolhāpur MS., proposing such emendations as occur to me.

Some years ago, when I was examining the library of the Jaina *maṭha* at Kolhāpur, I thought it possible that Mallishēna, the author of the *mahāpurāṇa*, which is named *Mallishēna-mahāpurāṇa* after him, might be identical with the celebrated Jaina ascetic Mallishēna, whose death took place in Saka 1050 according to Śravaṇa Belgōla Inscription, No. 54, which has been edited by Mr. Rice¹. But the date of the completion of the present *purāṇa*, as given by the author Mallishēna himself in the concluding *praśasti*, is Saka 969:—

वर्षैकविंशता हीने सहस्रे शकभूज [:]
सर्व [जिद्] वस्सरे ज्येष्ठे सद्युक्ते पंचमीदिने ॥
अनादि तत्समाप्तं त (तु) पुराणं दुरितापहं ।
जीवाशाचंद्रताराकै विग्धजनचेतसि ॥

It is obvious that the difference between the two dates is 81 years. This is against the proposed identification. Another reason for rejecting the identification is that the author of the *purāṇa* calls himself उभयभाषाकविचक्रवर्तिन्, while the Jaina ascetic mentioned in the inscription is called मलधारिन्.

Our author also composed सङ्जनचित्तवल्लभ and नागकुमारकाव्य. The last-named work was translated into Canarese in Saka 1507 by the Canarese poet Bāhubali, who tells us that he finished his work at Srīngēri, when the chief Pontiff at that place was Nṛsiṃhabhārati. A third work attributed to Mallishēna is a commentary on Kundakundāchārya's works.

Mallishēna mentions as his predecessors, the celebrated author Samantabhadra, who is spoken² of by Jinasēna as the author of *Yuktyanuśāsana*. Pūjyapāda is next mentioned. Then a reference is made to Jinasēna as the pupil of Virasēna and the author of a *mahāpurāṇa*. We are next introduced to Akalaṅka, a very lion to hostile disputants resembling elephants, Anantavīrya and Vidyānanda. Anantavīrya is the author of commentaries on the works of Akalaṅka and Māṇikyanandin. The other Jaina authors have been already introduced to Sanskrit scholars in my paper³ read before the *Bombay Branch of the Royal Asiatic Society*.

The opening *praśasti*—

नमो जिनाय । सरस्वत्यै नमः निर्भं (र्भ) य-
श्रीविशालकीर्त्तिमुनये नमः ॥
श्रीमद्ब्रह्मनाथादिसन्मत्यन्तजिनेश्वरान् [१]
कृतधातिक्षयाज्ञौमि लब्धानन्तचतुष्टयान् ॥ १ ॥
स्वर्गोपवर्गसन्मार्गो भव्यानां येन रक्षितः ।
नाभेयं तमहं वंदे जिनेन्द्रं वृषभेश्वरं ॥ २ ॥
अष्टकर्मविनिर्मुक्तान् सिद्धानष्टगुणान्वितान् [१]
त्रिलोकक्षिखरावासाज्जिष्टि (छि) वात्स्यानहं स्तुवे ॥ ३ ॥
पंचाचारसमायुक्तान् गंभीरानिव वारिधीन् [१]

¹ Inscriptions at Śravaṇa Belgōla, Intr. p. 41.

² The opening *praśasti* of the Jain *Harivamśa* composed in Saka 705, *Ind. Ant.*, Vol. XV, p. 142.

³ Bhatṭāhari and Kumārila, *Jour., Bom. Br. R. A. S.*, Vol. XVIII, p. 213 ff.

आचार्य्यास्तानहं ददे निर्मलानतिनिर्मलान् [॥ ४ ॥
 बहुश्रुतानुपाध्यायान् जिनतत्त्व(स्व)प्रकाशकान् [॥ १ ॥
 परोपदेशतन्निष्ठाऽन्विष्टान्निष्ठाऽन्विष्टान् ॥
 भावद्वयकक्रियोद्युक्तान् ब्र(त्र)तशीलतपोधिकान् [॥ १ ॥
 नमामि सर्वसाधूश्च त्यक्त्वा(क्ता)शेषपरिग्रहान् ॥ ५ ॥
 यत्रिषष्टिशलाकानां (नां) पुराणं तु तदुच्यते ।
 अथानुयोग इत्येवं तदेव कथयाम्यहं ॥ ६ ॥
 चतुर्विंश(ति) जिनास्तत्र चाक्रिणो द्वादश स्मृताः ।
 हलधृत्वा(द्वा)सुदेवाश्च नव स्याः(स्युः) प्रतिकेशवाः ॥ ७ ॥
 ऋषभोऽजितनाथश्च शंभवश्चाभिनन्दनः [॥ १ ॥
 सुमत्यब्जप्रभौ श्रीमत्सुपाश्वैदुःप्रभावपि ॥
 सुविधिः शीतलः श्रेयान् बाहुपूज्यजिनरतथा ॥ ८ ॥
 विमलोऽनंतधर्मा च शान्तिकुण्डवरमल्लयः ॥
 सुवृत्तश्च नमिर्जमिपार्थी दीराजिनोऽतिमः ॥ ९ ॥
 चतुर्विंश(ति) जिना एते जैलोक्यजनप्राजिताः ॥
 भरतश्च सगराख्यश्च नाव(?)दौल्यस्तृतीयकः ॥ १० ॥
 सनत्कुमार इत्याख्यः शान्तिकुण्डवरसंज्ञिनः ।
 सुभौमः पद्म इत्याख्यो हरिषेणो जयसेनकः ।
 ब्रह्मदत्तोऽतिमश्चक्री सर्वेपि द्वादश स्मृताः
 विजयो बलः सुधर्मसुप्रभश्च सुदर्शनः ।
 नंदी च नंदिमित्रश्च रामो हलधृताह्वयः ॥ १२ ॥
 त्रिषष्टाख्यो द्विषष्ट(ष्ट)श्च स्वयम्भूः [॥] पुरुषोत्तमः ।
 नृतिहंपंचरीकौ च दत्ताख्यो लक्ष(?)णो हरिः ॥ १३ ॥
 अश्वमीदो भुवि ख्यातस्तारको मोरकस्तथा ।
 मधुकैटो(टौ) निस्तुं(शुं)भश्च बल्याह्वयवर्लीद्रकौ ।
 रावणोपि जरासंधो नवैते प्रलिखन्ववः ॥ १४ ॥
 नवानां वासुदेवानां बृहत्संख्यं क्षितीश्वराः ॥
 ब्रह्मदत्तसुभौमाख्यावैतौ नरकगामिनौ ।
 दशाऽन्वे शेषभूमीशा [॥] शाश्वतस्थानभाजिनः ॥ १५ ॥
 सर्वेऽपि बलदेवाऽऽख्या [॥] प्राप्नुयुः पंचमीं गतिं ।
 वासुदेवास्तु ते श्वध्रं समं स्वप्रतिशब्दभिः ॥ १६ ॥
 नाभेयादिजिनाधिवालिषुवने ख्याताश्चतुर्विंशतिः
 श्रीमंतो भरतेस्व(श्च)रप्रभूतयो ये चाक्रिणो द्वादश [॥ १ ॥
 ये विष्णुप्रतिविष्णुलंगलधराः सप्ताधिका विंशति-
 खलौक्याभयसुप्रदा [॥]^१ त्रिषष्टिपुरुषाः कुर्वन्तु ते मंगलं ॥ १७ ॥
 पुराणं तीर्थकर्तृ(र्तृ)णां कर्म्मसंवनिवारणं ।
 कथयामि समासेन वदतां शृण्वतामपि ॥ १८ ॥
 लक्ष्यलक्षणशास्त्रेषु कुशलं न भवाम्यहं ।
 आरभ्यते तथाप्येतत् पुराणं भक्तितो मया ॥ १९ ॥
 किं किं न कुरुते पुंसां भक्तिः सा परमेष्ठिनां ।
 कर्म्म न दद्याति चेद्यस्य वाग्मलं किं न न दद्याति ॥ २० ॥
 वाराणस्यां चतुर्विंशो येन साक्षात्कृतः स्तुते [॥] ।
 जीयात्समंतभद्रोऽसौ जिनधर्म्मवियच्छर्मा ॥ २१ ॥
 काव्यादि लोकमहाकवि [॥] ।
 जीयाच्छ्रीपूज्यपादोऽपि येनाकारि च लक्षणं ॥ २२ ॥
 शिष्य [॥] श्रीवीरसेनस्य जिनसेनो मुनीश्वरः ।
 महापुराणराष्ट्रात्तत्कर्त्ताऽसौ जयतात्रिं ॥ २३ ॥
 यज्ञामग्रहणान्नष्टास्तर्प्ता वादिर्कुजराः ।

^१ Read भरतः सगराख्यश्च.^२ The metre is faulty.^३ Read सुधर्म्मो सुप्रभश्च.^४ The metre is faulty. [The letters सु and प्र only are superfluous—D. R. B.]

जीयाद्देवोऽकलंकोसौ परवादीभकेसरी ॥ २४ ॥
 अनंतवीर्यदेवोपि विद्यानंदाद्यस्तथा ।
 जयंतु कुमतां प्रणशनखराशवः ॥ २५ ॥
 कविस्वादिगुणोपेता वाग्वधूव (व) रदा मम ।
 मल्लिषेणमुनीन्द्रस्य भूयाद्भूयादहर्निशं ॥ २६ ॥
 विपुलाऽद्रो गणैरेण सस्सभायां तु सन्मतेः ।
 पुराणं तीर्थकर्तृ (तृ) णां श्रेणी (णि) कस्य पुरोदितं ॥ २७ ॥
 क्षेत्रं कालस्त [था त] र्वं प्रमाणपुरुषैः सह ।
 चरितं च महत्ति (त्ते) स्वां (षां) पुराणं पंचधा विदुः ॥ २८ ॥
 तदेव पदबंधेन मथेह पुनरुच्यते ।
 जिनसेना (थ्य) शिष्येण मल्लिषेण सूरिणा ॥ २९ ॥
 कथ्यमाने पुराणेऽस्मिन्काले [यत्र] तु तेऽभवन् ।
 स कालः कथ्यते पूर्व तन्मानं च समासतः ॥ ३० ॥

The concluding *prasaṣti*—

श्रीमूलसंघेऽजितसेनसूरिजिज्ञेन्द्रधर्मावरचारुचंद्र [:]
 राजेन्द्रमौलिप्रविचुंबितांघ्रिडर्ज्यादशेषागमपारदृश्वः (श्वा) [॥ १ ॥]
 शिष्योम्रजः कनकसेनमुनिस्तदीय—
 आरिचसंयमतपो ७७-७८^८ मूर्ति [:]
 दूरीकृतस (स्म) रशराह (व) लिमोहपाशो
 जातः कषायतिमिरद्युमानिर्मुनीन्द्रः [॥ २ ॥]
 शिष्यस्तदीयो [जि] नसेनसूरिर्विभूव भव्यांबुजचंद्रोचिः ।
 ह (ध्व) स्तांगजोपास्तसमस्तसंगो जिनोक्तमार्गाचरणैकनिष्ठः [छः] [॥ ३ ॥]
 तस्थानुजस्सकलशास्त्रपुराणवेदी
 नि [:] शेषकर्मनिचयैधराहदक्षः ।
 आसीत् समस्तविबुधाग्रणीनृ (नृ) लोक (के)
 विख्यातवानिह मूनीन्द्रनरेन्द्रसेनः [॥ ४ ॥]
 श्रीजिनसेनसूरितनुजेन कुट्टिमत्तप्रभेदिना
 गारुडमंत्रवाद्सकलागमलक्षणतर्कवेदिना ।
 तेन महापुराणमुदितं भुवनत्रयवर्त्तिकीर्तिना
 प्राकृतसंस्कृतोभयकवित्वधृता कविचक्रवर्त्तिना [॥ ५ ॥]
 तीर्थे श्रीम (मु) ळुगुंदां नान्नि नगरे श्रीजैनधर्मालये
 स्थित्वा श्रीकविचक्रवर्त्तियतिपः श्रीमल्लिषेणाह्वयः ।
 संक्षेपात् प्रथमान (नु) योगकथनं व्याख्यानि (न्वि) तं शृण्वतां
 भव्यानां दुरितापहं रचितवान्निःशेषविद्यांबुधिः [॥ ६ ॥]
 वर्षेकत्रिंशता ह्रीने सहस्रे शक्रभूभुज [:] [१]
 सर्वे [जिह्] वत्सरे डयेष्टे सशुक्ले पंचमीदिने [॥ ७ ॥]
 अनादि तत्समाप्तं त (तु) पुराणं दुरितापहं ।
 जीयादाचंद्रतारार्कं विदग्धजनचेतसि [॥ ८ ॥]
 मयात्र बालभावेन लक्षणस्यागमस्य वा ।
 यदुद्धृतं विरुद्धं च धीमंतः शोधयन्तु रन् (तत्) [॥ ९ ॥]
 द्विसहस्रं भवेद्भूयप्रमाणं परिसंख्यया ।
 महापुराणशास्त्रस्य^{१०} कलितस्य कविचक्रिणा [॥ १० ॥]
 आनंदाभूतवापिकाकृ (कृ) तमहाक्रीडामरालाकृति [:]
 स्रोतारं^{११} भववारिधौ भ (भ्र) मभूतां [भा] स्वप्युरैः संस्तुतः ।
 श्रीसिद्धार्थधरेस्व (श्व) ताधिपकुला (लः) शास्त्रस्य सी-
 (शी) ता (तां) शुको
 वागी [शो] विबुधाधितांघ्रिगुगलो वीरो जिनः
 पातु वः [॥ ११ ॥]

^८ The MS. has वदित before मूर्ति, which does not suit the metre.

^९ This is the same as Mulgund in the Gadag taluk of the Dhârwâr District

^{१०} Read कलितं instead of कलितस्य.

^{११} स्रोतारं may be a mistake for श्रोतृणाम्.

इत्युभयभाषाकविचक्रवर्ति-श्रीमल्लिवेणसूरिविरचित-
 त्रिषटिलक्षणमहापुराणसंग्रहे श्रीवर्द्धमानतीर्थकरपुराणं समाप्तं ॥
 यद्वाचो लहरी मनोमलहरी स्वर्गादिसंपत्करी
 कारुण्यांबुधिरभवांबुधि ¹² संसारं सुधायशोधरी [॥]
 सर्वानंदकरी सु(शु)भं शुभकरी कर्णेश्व(व्व)रं माधुरी
 जीयाद्योगिविशालकीर्तिमुनिपः त्रैविद्यचक्रेश्वरः ॥ ० ॥
 देवेंद्रकीर्तिमुनीन्द्रः बुधैस्तेवित [चरणः] ।
 कर्माब्जवारशिशिरः भाति संततसद्यशः ॥ ० ॥

OLD INDIAN NUMERICAL SYMBOLS.

By G. R. KAYE.

I.

A GOOD deal of attention has been paid of late years to the history of the origin of our arithmetical notation and a good many so-called discoveries have been announced ; but the paths travelled by the 'discoverers' are marked principally by wrecked hypotheses. The current opinion appears to be that our modern notation has been traced to a Hindu source, and consequently it is thought that an exposition of the Hindu numerical notations is pertinent to the occasion. The subject has been dealt with before, but in most cases from somewhat biased points of view.:

One of the earliest investigators of this subject was J. Prinsep, who, indeed, actually discovered¹ the existence of the old Sanskrit or Brāhmī numerical symbols ; but his discovery was vitiated by an assumption that led him into grievous error. In his time the orthodox view ascribed "the invention of nine figures with the device of places to make them suffice for all values to the beneficent creator of the universe."² Prinsep, like other early orientalists, accepted this as testimony of the great antiquity of the system of 'device of places', and assumed that it applied to the numerical symbols he had discovered : the result is exhibited in the following table :—

Prinsep's	{	1	2	3	4	5	6	7	8	9	0
values		१	०	२	३	४	५	६	७	८	९
Correct values		7	20	300	14	16	10	?	280	90	

TABLE I.

The old symbols given by Prinsep represent the originals with fair accuracy, but his only correct interpretation is possibly the 'four.' His introduction of the 'zero' is an error,³ for it was never used in India in ancient times in connection with these symbols. His false assumption as to 'place value' accounts for this mistake, and also for the erroneous interpretations of the symbols for 'twenty,' 'three hundred,' 'eighty,' and 'ninety.' The other mistakes are, partly at least, accounted for by a second false assumption. He says:⁴ "Upon regarding attentively the forms of

¹² The metre is faulty and the line yields no sense.

¹ *Essays on Indian Antiquities*, &c., of the late J. Prinsep. Edited by E. Thomas, Vol. II, p. 71.

² Krishna, 16th cent. A D., quoted by Colebrooke. *Algebra*, &c., from the Sanskrit, p. 4.

³ He found an example with the symbols for '300' and '80' verified by an equivalent expression in words (Vol. II, Pl. XL), but according to his system the symbols without a zero stood for '38,' so the zero was introduced to make the 'facts' fit his system.

⁴ *Op. cit.* II, 77.

many of the numerals, one cannot but be led to suppose that the initial letters of the written names were many of them adopted as their numerical symbols." This hypothesis was based upon very unsound observation; but it has persisted, in some form or other, until quite recently, e.g., the same idea is suggested in Cantor's *Vorlesungen über Geschichte der Mathematik* (1907), [Vol. I., p. 604.]

Prinsep (1838) was followed by Stevenson (1853) who corrected two or three of the former's mistakes, but retained some, and introduced a number of others⁵; but Thomas (1848) had already given sounder views.⁶ Prinsep's second mistake was modified somewhat by Bhagvānlāl Indrajī, who, in 1877, propounded the theory that the Nāgarī numerals are *aksharas* or syllables.⁷ This theory received the commendation of Bühler, but no satisfactory explanation of the connection between the numerals and the *aksharas* could be given either by the originator of the theory or by his learned supporter. Bhagvānlāl tried to fit in Āryabhaṭa's alphabetical notation and other systems, but without success; and Bühler confessed that he could not produce "the key to this mystery." Of course the key to the mystery is that the theory is altogether wrong, but Bühler seemed confident of its accuracy⁸ and even went so far as to make a remarkable deduction from it. "I would only point out," he writes,⁹ "that the occurrence of the *Anunāsika*, &c. . . . among these figures indicates that they were invented by Brāhmaṇs, not by *Vāṇiās*, nor by Buddhists who used Prakrit, &c."

Professor Kern pointed out¹⁰ that the theory did not explain the old symbols for *one*, *two* and *three*, which consist of corresponding numbers of horizontal strokes, and Burnell showed¹¹ (a) that the resemblance of the *old* symbols to the *aksharas* was in many cases quite fanciful; (b) that with the old symbols for the *hundreds*, the theory fails altogether; (c) that no explanation of the principle in which the syllables were selected could be given; and (d) that the resemblance to the syllables in question can be said to begin only with the *later forms* of the numerical symbols.

Finally, when Bühler retracted his former opinion and agreed with Burnell, the *akshara* theory collapsed.

In 1882 Sir E. Clive-Bayley attacked the question again¹² from one of Prinsep's points of view. He stated that the numbers *four* to *nine* were borrowed from the Bactrian alphabet and "that the proof of the borrowing consists solely in the almost absolute identity of the numerals with the older lapidary Bactrian forms of certain letters." "It will be seen," he continues, "that the 4 = the Bactrian letter *chh*, the 5 = *p*, the 6 = *g*, the 7 = *a*, the 8 = *b*, and the 9 = *h*."

Canon Taylor¹³ in the same year propounded the same theory, with a difference, and M. Halévy also asserted that the Brāhmī numeral signs 4—9 were the initial Kharōṣṭhī letters for the corresponding numerals.¹⁴

A detailed re-examination of such theories would be a waste of time, and it must now suffice to say that they have all been disproved. Indeed, we might go so far as to say that all attempts to trace numerical symbols to an alphabetical origin have failed; and this leads us to consider whether it is not possible that numerical symbols were generally evolved (of course to a limited degree) before alphabetical symbols. The elemental strokes used for small numbers in Kharōṣṭhī, Brāhmī, Roman, Greek (Herodian), Babylonian, &c., &c., scripts support this view; and the necessity for some rough notation before the necessity of an alphabet is fairly obvious.

II.

Before proceeding to the detailed consideration of the Brāhmī symbols, it is desirable that some mention should be made of the Kharōṣṭhī script, which, however, as far as India itself is concerned, was confined to the north-west portion and even there did not persist to any very late date.

⁵ Prinsep's *Essays*, Vol. II, p. 80.

⁶ *Ibid.*, II, 12. See also Woepcke's *Mémoire sur la propagation des chiffres indiens* (1863).

⁷ Above, Vol. VI, p. 42.

⁸ He afterwards gave up the theory (*Indian Palaeography*, p. 82), but retained the deduction.

⁹ Above, Vol. VI, p. 43.

¹¹ *Elements of South Indian Palaeography*, p. 65.

¹⁰ Above, Vol. VI, 143.

¹² *The Genealogy of Modern Numerals*, J. R. A. S., Vol. XIV, p. 8.

¹³ *The Alphabet*, Vol. II., p. 236.

¹⁴ Bühler *Indian Studies*, Vol. III., p. 52.

The Taxila plate and other inscriptions¹⁵ from the Panjāb frontier give us the key of the Kharoṣṭhī notation as far as the hundreds, so that our knowledge of the notation within this limit is probably correct.

The script is written from right to left, and in the notation the smaller elements are on the left.

Our information about the Kharoṣṭhī writing will, possibly, be somewhat extended in the near future, but, as far as our present knowledge goes, the Kharoṣṭhī notation appears to have little connection with the Indian notation proper. It is said that the script is derived from or allied to Aramaic and the two notations have close resemblances.

In the interpretations of the Kharoṣṭhī notation our earlier orientalists made the usual mistakes—e.g., Cunningham read '333' instead of $20 + 20 + 20$ (= 60).

III.

The notation that was in general use in India in early times, and persisted until quite recently has been variously termed the Brāhmī, Sanskrit, old Nāgarī, and old Indian notation. It is a non-place-value notation with special symbols for the numbers *one to ten, twenty, thirty* . . .

. . . *a hundred and a thousand*. The numbers 11 to 19, 21 to 29, etc., are expressed by the symbol for the *tens* followed by symbol for the *units*. *Two hundred* and *three hundred* are expressed by the symbol for 100 with the addition, respectively, of one or two horizontal strokes or hooks (see table II). Higher multiples of a hundred are denoted by the symbol for 100 followed by the corresponding units figure. The thousands, which occur very rarely, are treated in the same way as the hundreds. To express 'three hundred and ninety-four,' to the symbols for 100 are attached two horizontal strokes (or hooks) on its right side, and this is followed by the symbols for ninety and four in order, thus $\text{𑀓} \oplus \text{𑀕}$. No symbol for zero was employed.

We have already pointed out some of the errors that the early orientalists fell into in dealing with this notation, but there are errors of another type that are more difficult to deal with. The results of the earlier investigators were based almost entirely upon the evidence given by eye copies of inscriptions, and that found in comparatively modern manuscripts. The old fashioned copies of inscriptions were, indeed, a fruitful source of error in many ways and in particular with regard to the forms of numerical symbols. We now have, however, a body of mechanically reproduced inscriptions, which should give evidence as to the forms of the symbols sufficient to enable us to determine the system used with fair accuracy; and in the present note it is proposed to utilise this superior evidence and to exclude, as evidence, the old fashioned eye copies. This does not, however, make the task any easier: the old eye copies are often so delightfully clear and unambiguous, whereas the mechanical copies are as obscure and as difficult to read as the originals.

It is, of course, impossible to give here all the examples of the Brāhmā symbols that are available, but in all cases the sources of our information are indicated and the reader is referred to these sources for first-hand evidence. The earliest examples are taken from the Aśoka inscriptions, following which the Nānāghāt, Kārlē and Nāsik inscriptions have been utilised. The Mathurā inscriptions and, later on, the Gupta inscriptions extend our evidence to the north, as do the Pallava plates and others to the south. Of great value also is the evidence afforded by coins and in particular by the coins of the western Kshatrapas. The sources here indicated may be considered to give representative examples which are, more or less, confirmed by incidental examples of other periods and places, and by the practice followed in the earliest manuscripts known to us.

In some cases the numerical symbols are accompanied by the equivalent expressions in words; other examples, but these are unfortunately of comparatively late date, are in series—as in pagination; while a third class consists of isolated numbers, principally dates, and these, if the symbols are not of normal types, must be to some extent conjectural. The attached table is divided into sections corresponding to these three classes.

¹⁵ *Ep. Ind.*, Vol. IV, p. 54; *Arch. Surv., India*, Vol. V, Pl. XVI and Pl. XXVIII.

Those symbols that are accompanied by equivalents in words afford, with certain limitations, a criterion by which other examples may be judged. Any doubt about any particular forms is here generally due to the state of the inscription itself, but the evidence is on the whole unambiguous and shows distinctly that there was a definite system in use which varied to a surprisingly small extent over a lengthy period and wide area.

The first part (A to I) of the accompanying table gives nearly all such examples as occur in the volumes of the *Epigraphia Indica*, in Fleet's *Gupta Inscriptions*, etc. The Aśoka examples have, however, been relegated to another part of the table for reasons that will be given below, and such examples as occur in the Tekkeri inscription have been omitted, because the readings are not clear enough to be of use as evidence. In the first portion (A to I) of the table, it will be noticed (1) that the symbol for 'fifty' does not appear at all; (2) the 'eight,' and 'nine,' 'thirty'

	1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	70	80	90	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000
A	-	=	≡	≡																											
B																															
C																															
D																															
E																															
F																															
G																															
H																															
I																															
J																															
K																															
L																															
M																															
N																															
O																															
P																															
Q																															
R																															
S																															
T																															
U																															
V																															
W																															
X																															

TABLE II.

and 'eighty' each appear only once ; and (3) the 'six' and 'seventy' are respectively represented by symbols of diverse forms.

[NOTE.—The sources from which the symbols in the table have been drawn are indicated in the following list. Although considerable labour and care have been spent in preparing the table, the reader is warned that the original inscriptions, or mechanical reproductions of them, are the only proper evidence, and that such tables as these are merely convenient indexes to the originals:—

A Kārlē inscriptions (Poona), *Ep. Ind.*, VII, 61. **B** Nāsik inscriptions, *Ep. Ind.*, VIII, 59. **C** Fleet's *Gupta Inscriptions*, Plates XII-A. Inscription of Budhagupta (Central Provinces, A.D. 484-5); XIV, Inscription of Hastin, (Central India, A.D. 510-11); XVI, Inscription of Jayanātha (Central Provinces, A.D. 493-4); XXV, Inscription of Śilāditya vii (Gujarāt, A.D. 766-7); XXXIX-A. Inscription at Mathurā (A.D. 451-5). **D** 20, 100 Nausari Plates of Śrīyāśraya Śilāditya (Baroḍā, A.D. 671) *Ep. Ind.*, VIII, 232. **D** 5, 7, 10, 200, 300 Plates of Dhruvasena I (Baroḍā, A.D. 523-7), *Ep. Ind.*, III, 319. **E** Plate of Buddharāja (Baroḍā, A.D. 580), *Ep. Ind.*, VI, 299. **F** 100 *Gupta Inscriptions*, Plate XXXIX A (Mathurā, A.D. 451-5). **G** Inscription of Śaṅkaragaṇa (Nāsik, A.D. 595) *Ep. Ind.*, IX, 296. **G** 1, 5, 10, 90, 200 Śaṅkheḍā Grant of Dada IV (Baroḍā, A.D. 640) *Ep. Ind.*, II, 21. **G** 3, 4, 6, Grant of Dada iii (Baroḍā, A.D. 595-6) *Ep. Ind.*, II, 20. **H** 5, 6, 10 Plates of Sivaskandavarman (Kistna); *Ep. Ind.*, VI, 85. **H** 7, 80 Plates of Indravarman (Gañjām) *Ep. Ind.*, III, 128. **I** Plates of Vijaya-Devavarman (Kistna); *Ep. Ind.*, IX, 57.

J Pallava grant of Sivaskandavarman, *Ep. Ind.*, I, 6. **K** Plates of Vijaya-Devavarman (Kistna), *Ep. Ind.*, IX, 57. **L** Plates of Jayavarman (Kistna), *Ep. Ind.*, VI, 315. **M** Plates of Kumārāviṣṇu II (Nelore), *Ep. Ind.*, VIII, 234. **O** Bower manuscript (Kashgar? A.D. 400-450). **P** Nepāl manuscript, A.D. 857 (after Bendall). **Q** and **P** 6, Nānāghaṭ inscriptions (Poona) *Pali and old Sanskrit inscriptions*, Pl. 265. **Q** 6, 50, 200. **R** 6, 50, 200. **S** 6, 200. **Ś** Asoka inscriptions regarding which a separate note is given. **Ś** Kārlē and Nāsik inscriptions as in A and B. **S** and also **T** 6, **T** 40, **T** 70 Mathurā inscriptions, *Ep. Ind.*, vols. I and II, **T** and **U** *Gupta Inscriptions*. Plates II-B (Central India, A.D. 401); IIIB (Sāñchi, Central India, A.D. 412); IVA. (Central India); IV-D (Allahābād, A.D. 417); VI-A (Allahābād, A.D. 448); XIV (Kāthiāwād, A.D. 571) XXVI (Raipur C. P.), XXIX-A (Pāṭṇā, A.D. 672); XL-D (Mathurā, A.D. 549); XLI-A (Gayā, A.D. 588).

V Rapson's *Catalogue of coins of the Andhra Dynasty, the Western Kshatrapas, etc.* **W** 2, 20 Inscription of Harsha (Shājahānpur, A.D. 628-9) *Ep. Ind.*, IV, 209. **W** 5, 10 and X. 8, Plates of Vikramendravarman (Godāvari, *Ep. Ind.*, IV, 194. **W** 6, Plates of Chandavarman (Gañjām) *Ep. Ind.*, IV, 145. **W** 8 Sāñchi Inscription, *Ep. Ind.*, II, 369. **W** 9 Inscription at Set.-Maheṭ, *Ep. Ind.*, VIII, 181. 30 Mathurā Inscription, *Ep. Ind.*, VIII, 182. **W** 4, 70 Mathurā Inscription, *Ep. Ind.*, IX, 242 (see Lüder's note). **W** 90, 300 and X. 5, 10 Grants of Dadda IV. (Baroḍā, A.D. 641-2), *Ep. Ind.*, V, 41 (see also G above). **X** 6, 20 Inscription of Harsha (Azamgarh) *Ep. Ind.*, VIII, 158].

About the form of the symbol for 'fifty' there is not much doubt. It is well represented in the other portions of the table and we might have given in the first section also examples from eye copies of inscriptions. It may be noted that up to the time of the investigations of Thomas the correct form for this number had not been given.

Of those symbols that occur only once in the first section of the table, the 'eighty' receives abundant confirmation and was even correctly read by Thomas. The form of 'thirty' is perhaps not quite so unambiguous as its resemblance to *la* has probably tended to some distortion both by writers and interpreters. The 'eight' and 'nine' have very often been misread, in some cases possibly owing to the errors in the tables of Bühler and Bhagwānlāl. Rapson, who is here a safe guide, notices mistakes of recent date.

This first portion of the table possibly throws most doubt upon the 'six.' As a matter of fact we have no thoroughly well authenticated example. The Nāsik example (B) is not perfectly clear, the Baroda example (G) is taken from a doubtful inscription, while the South Indian example (H) is of an altogether different form. The examples J, K, L and O are thoroughly well authenticated, but of comparatively late date; and, while J, K and L are from South India, the example O is taken from the Bower Manuscript. The other early examples are P, Q, R, S and V. Of these P is taken from the Nānāghaṭ inscriptions, where it is an isolated example not too well defined; Q, R and S are from Asoka edicts, and cannot be said to be thoroughly reliable. They will be examined in a separate note. The example V is taken from a Western Kshatrpa coin, and although its form is by no means certain, it is the best of the several known examples. Rapson, in the text of his work, employs a type more like the Asoka example Q, but does not appear to be justified in so doing.

The symbol for 'seventy' is still a matter of discussion. Indeed the 'forty' and 'seventy' have been almost hopelessly mixed up by the epigraphists (as in the third part of the table R, S, T,

W) and in all probability the majority of the interpretations recorded is wrong. Lüders¹⁶ discusses these two symbols at length, gives references to many examples, and, in my opinion, arrives at a wrong conclusion. Possibly Rapson's coin examples are the safest guide.

The normal symbols for the 'hundreds' are well established, but such variations as E, Q, T have to be considered. Of these E belongs to the fifth century and T to the sixth century A.D., but Q, which occurs in the Nānāghāt inscriptions, is of much earlier date. These Nānāghāt examples are of great interest, but they cannot be said to be well established, for the interpretations thereof given by Bhagwānlāl are avowedly based upon the *alshara* theory and the abnormal symbols for the 'hundreds' and 'thousands' are not confirmed by any other sound examples.

IV.

The notation appears to have developed on different principles at different times. The first three numbers are natural and differ from those of many other symbols, *e.g.*, Babylonian, Greek (Herodian), Roman, Egyptian, Kharōṣṭhi, in being horizontal instead of vertical strokes.¹⁷ Also, according to Kern,¹⁸ "the figure of the fourth numeral reveals its own origin by its oldest form." "Paṇḍit Bhagwānlāl Indrajī," he continues, "in his most interesting paper on the ancient Nāgar numerals, makes no mention of the fact, that the figure of 4 occurs in one of the Aśoka inscriptions¹⁶; yet the fact is so important, for many reasons, that I think it worth while to draw attention to it . . . The figure for four in this inscription is a simple cross. The device of indicating the number four by a cross is so natural, and ingenious at the same time, that any comment may be held to be superfluous. Nor well it be necessary to show that all the later forms of 4 in Nāgarī are the direct offshoots of the ancient sign, such as we find in the Aśoka edict." Kern may be right in his conclusion, but the evidence does not definitely lead to it. There is only one example of the cross in a Brāhmī script, while all the other early examples are markedly differentiated from it. The Kharōṣṭhī symbol for 'four' is indeed a cross, but the Brāhmī notation was obviously not derived from the Kharōṣṭhī. Kern goes on to show that the 'five' was evolved from the 'four,' but the examples he uses are unsound. Indeed no principle of formation connecting the symbols for the numbers 4 to 30 can at present be offered; but possibly the 'forty' is derived from the 'thirty' by the addition of a stroke, while the 'sixty' and 'seventy' and also the 'eighty' and ninety distinctly appear to be connected in this way. In these cases, however, the principle of formation appears more marked in the *later* symbols, and we must be careful about forming any definite conclusion as to the origin of the system from such evidence. However, the hundreds and thousands are to a limited extent evidently built up on such a plan, which, as Bayley pointed out,²⁰ is the same as that employed in the Egyptian hieratic forms; but after 'three hundred' and 'three thousand' the Brāhmī notation gives up this Egyptian plan and forms the symbol for four hundred from the elements 'a hundred' and 'four' and so on.

V.

The period during which this system has been in use in India extends roughly from the time of Aśoka to the nineteenth century A.D. If, however, we consider, the period of its exclusive use or rather its predominance, then we must place the upper limit at the eighth or tenth century A.D.²¹ In 1896 Kielhorn wrote:²² "The latest known copper-plate inscription with numerical symbols, the time of which can be fixed with certainty, are all anterior to A.D. 800." Unfortunately this statement has been used as a criterion for fixing the date of other inscriptions; for although the statement was correct enough at the time, many inscriptions of later date with such symbols have since been found. We may take it, however, that the ninth century A.D. is about the time when these symbols

¹⁶ *Epigraphia Indica*, Vol. IX., p. 243.

¹⁷ The Chinese also used horizontal strokes. See Major Woodruff's paper in the *American Math. Monthly*, 1909, p. 125.

¹⁸ *Above*, Vol. VI, p. 143.

¹⁹ *Ep. Ind.*, Vol. II, p. 460, Pl. line 7.

²⁰ *The Genealogy of Modern Numerals*. J. R. A. S., Vol. XIV 3, p. 22.

²¹ Bühler gives 595 A.D. but this limit is based upon an error.

²² *Ep. Ind.*, Vol. IV, p. 195, note. See also Fleet's *Gupta Inscriptions*, p. 209, note.

ceased to be fashionable for Indian inscriptions.²³ Kielhorn later recorded examples from Orissa and Gañjam of the thirteenth century A.D., where, he suggests, "such examples, therefore, would seem to have been longer in practical use than in other parts of the country." Other late examples have since been found, and Bühler tells us that the system was in use in Jaina MSS. up to about A.D. 1450 and in Nepāl MSS. to A.D. 1583 and that the Malayālam MSS. have preserved it to the present day.²⁴

It has been considered somewhat remarkable that this old notation should survive so long, but there is the parallel case of the Roman figures, which still have their use. Indeed a non-place-value notation has certain advantages, particularly where no calculations are necessitated by its employment.

THE ASOKA NUMERALS.

BY G. R. KAYE.

I.

SEVERAL of the Aśoka inscriptions contain Brāhmī numerical symbols, which are of considerable importance and interest, chiefly, perhaps on account of their supposed connection with the date of Buddha's death, but also in connection with the Brāhmī system of notation; and although the results dependent upon the generally accepted interpretations of these symbols form the subject of much controversy, the interpretations themselves are, apparently, never questioned, "A cet égard il n'y a point de contestation" according to Senart,¹ nevertheless, the object of the present note is to cast grave doubts upon these interpretations and to show, at least, that they have been arrived at in an unsatisfactory manner.

The symbols, said to be numerical, that occur in the Aśoka inscriptions written in the Brāhmī script, are :—



TABLE I.

and the plates from which these have been taken are found in the following works :—

ABC (Sahasrām), *Indian Antiquary*, XXII, 298; DEF (Rūpnāth), *Indian Antiquary*, VI, 156; GHI (Brahmagiri), *Epigraphia Indica*, III, 138; JKL (Siddāpur), *Epigraphia Indica*, III, 140; MN (Bairāt), Cunningham's *Aśoka Inscriptions*, Pl. XIV; O (Kālsi), *Epigraphia Indica*, II, 460.

The symbols given in Table I have been interpreted thus :—

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
200	50	6	200	50	6	200	50	6	200	50	6	50	6	4

²³ The reason for this is, pretty obviously, the introduction of the 'numerical word' system and of the so-called 'decimal system.'

²⁴ *Indian Palaeography*, p. 77.

¹ *Inscriptions de Piyadasi*, Vol II, 182.

It will be observed that, whereas, A, D, G and J are different symbols, being indeed, as different as they possibly can be, the value allotted to each is the same, *viz.*, 200. The symbols B, E, H, K and M, which stand for 50 are much more consistent, but the B is somewhat mutilated and the M, according to Bühler, does not exist. Of the symbols for six, we can leave out of consideration the N, which like the M is also of doubtful authenticity: the others, C, F, I and L are certainly not unambiguous, although there is an element of consistency about them. The symbol for 'four' is possibly of Kharōṣṭhī origin.

Of course, the higher orders, *viz.*, the supposed symbols for 200, are much the most important from an historical point of view and to these we propose to confine our attention for the present.

II.

Turning to Cunningham's account of the inscriptions², we find the following interesting notes: "The foregoing discussion regarding the date of Buddha's Nirvāna was written just before I had seen the first copy of the Sahasrām inscription. The three symbols which form its figured date, at once arrested my attention, and I suspected them to be cyphers, but the copy of the inscription was imperfect in this very part, and it was not until I visited Sahasrām myself, and thus obtained several excellent copies of the edict, that I was satisfied that these characters were really numerical symbols. The figure on the left hand I recognised at once as that to which I had already assigned the value 200 in one of the Mathurā inscriptions, while the value of the middle figure was conclusively determined as 50 by a second Mathurā inscription in which the date of Samvat 57 is expressed in words as well as in figures. The value of the unit, I at first thought, was 6, but hearing that the late Dr. Bhau Dāji had found a somewhat similar figure as a variant form of 2, I adopted the latter as its probable value³. I was the more ready to adopt this value as it just brought the Sinhalese date of Aśoka with respect to Buddha's Nirvāna into accordance with the date of the inscription."

With reference to the Rūpnāth rock inscription, he writes⁴: "The date of 56 occurs at the end of the fifth line. The symbol for 50 is the same as that in the Sahasrām inscription, but the opening is turned to the left. Both forms are used indifferently in the Hodgson MSS. from Nepal. The omission of the figures for hundreds is not uncommon in Indian inscriptions."

The Mathurā inscription, which contains the symbol for 200 referred to above, is evidently the Katra mound inscription, which Cunningham himself⁵ dates at A.D. 224, or more than *four centuries after the time of Aśoka*. Cunningham's rendering of this date is, moreover, not above suspicion, and the resemblance to the Sahasrām symbol is somewhat strained as, indeed, is Cunningham's transcript of the Sahasrām symbol to the original. These points are somewhat strikingly illustrated in the annexed Table II, where Aa is the Sahasrām symbol, Gb is the Mathurā symbol referred to by Cunningham as being identical with Aa, and Gd is Cunningham's copy of Aa.

Later scholars supplied the symbol for the hundreds said by Cunningham to be omitted from the Rūpnāth inscription; but it is doubtful whether their reading is any sounder. Their reasons for interpreting the symbol D (Table I) as '200' appear to have been that (1) the accepted reading of the same passage in the Sahasrām version gives '256', (2) the symbol D is *śū* slightly modified, and this according to the *akshara* theory might denote 200.

When further on we read⁶ that "the sign for 200 (in the Rūpnāth inscription) is still more important, as it furnishes the *clearest proof* for the correctness of Pandit Bhagvanlal Indrajī's discovery of the syllabic origin of the Nāgarī numerals," we are reminded of the fallacy of the vicious circle. Subsequently the *akshara* theory was given up, even by Bühler himself.

² *Aśoka Inscriptions*, p. ix ff.

⁴ P. 22.

⁶ Above, VI, 155.

³ Later on, he changed back again to 6.

⁵ *Arch. Survey Reports*, Vol. III, p. 37 and No. 23, Pl. xvi.

But the *akshara* theory could hardly explain why, in three separate Aśoka inscriptions, three separate symbols should be used for 200. Bühler, however, informs us⁷ that the Rūpnāth symbol is *śū* with a prolongation of the vertical of *śa* instead of the usual horizontal bar, and that the Sahasrām symbol (A) is *su* (and that the coin symbol is *śa*), and that the cause of the uncouth appearance of the *s* in A is 'the desire to distinguish, by the form of the syllables, the cases where they have numerical values, from those where they have an etymological value as parts of numerals.'

No mention of the *akshara* theory is made in connection with the symbol G (Table I) for very obvious reasons, but the very strangeness of this symbol almost serves Bühler for a new discovery: "The first numeral sign (*i.e.* G, Table I)," he says⁸, "is indeed, as Mr. Rice states, *partly* different from those found in the Sahasrām and Rūpnāth versions, and the difference furnishes further proof for the assertion that local varieties of the southern alphabet existed in the time of Aśoka, etc."

The symbol J is supposed to resemble G, but it is too mutilated to be of any value as evidence.

III.

A comparison of the Aśoka symbols with others found in India need not lead to any definite result, for the great majority of the available examples are of much later date; but such a comparison shows that the supposed resemblance of some of the Aśoka symbols to these others is very faint indeed.

	A	B	C	D	E	F	G
a							
b							
c							
d							

TABLE II.

[Aa, Ab, Ac, Ad, are Aśoka symbols; Ba, Bb, Nānaghāt, *Pāli and old Sanskrit Inscriptions*, Pl. 265; Bc, Nāsik, *Ep. Ind.*, VIII, 59; Cb, Cc, Western Kshatrapa coins, Rapson's *Catalogue*; Cd, Fleet's *Gupta Inscriptions*; Da, *ib. Pl. xvi*; Db, *ib. Pl. xxix A*; Dc, *ib. Pl. xld*; Dd, Baroda A.D. 526-7, *Ep. Ind.* iii, 319; E and F from the tables of Bühler and Indraji; Gb, Gc, Cunningham's Mathura examples, *Arch. Survey*, III, Pl. xvi; Gd, Cunningham's copy of Aa *Aśoka Edicts and Ind. Ant.* VI, 155].

For example, Gd is Cunningham's transcript of Aa, and Gb is his Mathurā example, which he recognised at once as identical with Aa. Of the other examples, the two main types are Ba from the Nānaghāt inscriptions, and Ob. Of these, the former is like Cunningham's copy of Aa and the latter is as unlike it as possible. But the table, like all such tables, is somewhat misleading, for it does not show that ninety-nine per cent. of all the well-authenticated examples are of the type Cb, and that there is no well authenticated example other than the Nānaghāt cases of the type Ba. Further it is very doubtful whether Aa was intended to be of the same type as Ba. The resemblance may be said to be slight, but we may leave this an open question. Ab and Ac have

⁷ *J.R.A.S.*, XIV, 3, p. 9; *Indian Palaeography*, 81.

⁸ *Ep. Ind.*, III, 135.

not the remotest resemblance to any of the other symbols, and on no sound principle can they be established as representing numerical quantities.

IV.

The context of these symbols, certainly does not support the generally accepted interpretations. Bühler gives⁹ for the Sahasrām version: "And this sermon is by the Departed. Two hundred (years) exceeded by fifty-six, '256' have passed since" and for the Rūpnāth and Brahmagiri versions, he gives the same rendering with slight verbal differences. Oldenberg gives the general sense of the passage as "This teaching was preached by the Departed; the number of the departed who have taught on earth is 256." Senart's translation of the Sahasrām version is: "It is by the missionary that this teaching (is spread abroad). Two hundred and fifty-six men have gone forth in missions." M. Lévi explained the number 256 as indicating not a date, but 'simply the official notation of the number of *aksharas* contained in the elict.' Fleet's rendering agrees in substance with that given by Bühler.

V.

Definite conclusions on such a subject as this are difficult to achieve, and, although to be desired, are not logically necessary, and, perhaps, in the present state of our knowledge, it is not wise to formulate any. We may, however, state the following without falling into grievous error:—

1. The process of investigation that led to the interpretation of A, D, G and J (Table I) as '200' are faulty in almost every detail. The principal guides seem to have been (a) Cunningham, who was notoriously erratic in such matters, (b) the *akshara* theory which is now totally discredited and (c) a desire to make different versions agree in detail.
2. The symbols A, D, G and J (Table I) are possibly not numerical symbols at all. But might not G be a symbol for 3,000?
3. The symbols B, E, H and K may be tentatively accepted as meaning 'fifty,' although B is very doubtful.
4. The symbols C, F, I and L may also be tentatively accepted as meaning 'six.'
5. A fresh rendering of the passage from the standpoint that the numerical figures are 'fifty-six' would lead to results at least as definite as those hitherto obtained.

A LACUNA IN THE HARIVAMŚA.

BY A. GOVINDACHARYA SVAMIN, M.R.A.S.

It is well known that the great Vyāsa composed the *Hari-vamśa* as the colophon to the Fifth Veda, the *Mahābhārata*. After composing the latter, it is chronicled that he felt like one bewildered and entangled in the maze of differences and diversities of religion, but with the load-star of the *Harivamśa* he found his one and true Path to Salvation. This idea is allegorically enshrined in certain well-known poems;

By Vyāsa himself in the following verse:—

1. *Asat-kīrtana-kāntāra-parivartana-pāṁsulām*
Vāchaṁ Sauri-kathāldāpa-Gaṅgay-aiva punīmahe

i.e., "The tongue has become soiled by wandering in the wilds of lauding others (than Hari); but let us wash it by the Ganges (-water) of Sauri's¹ (i.e., Hari's) praise."

The Ganges water here alluded to is his last work, the *Harivamśa* (so allegorised).

2. Śrī-Parāśara-bhaṭṭārya² composed an invocatory verse to the female Saint Andā³ in the following terms:—

Nīlā-tunga-stana-giri-taṭi-suptam-udbodhya Kṛishṇam
Pārārthyam svam śruti-bāta-śiras-siddham-adhyāpayanti

⁹ The passage is discussed at length in Fleet's paper on *The date of Buddha's death, etc.* J.R.A.S., 1904, p. 1.

¹ Sauri-Descendant of Śūra-Kṛishṇa-Hari

² A. D. 1074. See No. 32 in the Hierarchical Table to my *Lives of the Saints*, in English.

³ B. C. 3005. See No. 14, Table *op. cit.*

Svochehshishtāyām sraji nigalitām yā balāt-kṛitya bhūnk'e

Godā tasyai nama idam-idam bhūya evā 'stu bhūyaḥ. [vide: Tīru-p-pāvai]

In this verse Nīlā is referred to. She is the third Holy Spouse, or Queen, of Nārāyaṇa, the other two being Śrī and Bhū, and born again as Nappinnai (*Nīlā*) for Kṛishṇa.

3. Periya-v-ācchān-Pillai *alias* Kṛishṇa-Samāhvaya⁴ wrote a commentary on the female Saint Āṇḍāl's "Holy Lyric" the *Tīru-p-pāvai*, and, when commenting on the invocatory verse above quoted, he discussed the point as to who represented Nīlā, when Kṛishṇa represented Nārāyaṇa in the Divine Cosmic Drama of the Kṛishṇa-Avatāra, (Kṛishṇa's Incarnation or Descent on Earth). He cited verses to show that the daughter of a certain Kumbha was Nīlā thus born, beginning with the verse :—

Syālo'tha Nanda-Gopasya, &c.

4. When searching for these verses in the available printed editions of the *Vishṇu-purāṇa* and the *Hari-vamśa*, I could not trace them; but a MS. was discovered by a friend of mine, which is said to belong to the collections of Sanskrit MSS in the Madras Government Library. In this MS. four *Adhyāyas* were found *embodying the verses* cited by Periya-v-ācchān-Pillai. Fearing that they may be missed or lost again or lost sight of by those seeking for references, I send a transcript for record and preservation in the pages of the *Indian Antiquary*.⁵

वैशांपायनः ॥ स्यालोथ नंदगोपस्य मिथिलेषु गवांपतिः । प्रवृद्धगोधनो दक्षः कुंभको नाम नामतः ॥ साता कुम्भस्य सर्वेषां तक्रस्य च घृतस्य च । जनस्य त्रियवाङ्मनित्यं यशोदाया जघन्यजः ॥ धर्मश्च तस्य भार्यासीद्दुर्मदैवतनामतः । सा-सुताऽऽत्ययुगलं शोभनं गोपभूषणं ॥ तयोस्तत्र पुमान् जातः श्रीदामानामविश्रुतः । सर्वैश्च सद्गुणैर्मुक्तस्वर्वाणि मनोरमः ॥ नीला नाम च कन्यासीद् रूपौदार्यगुणान्विता । हसन्ती गमनैर्हेसान् भूस्पृष्टचरणी मृदुः ॥ पद्मपत्रनिभौ पादौ वर्तुलाय-तज्जघिनी । नीलाक्षी जानुसंधाना मांसळोरुद्वया मृदुः ॥ रथविस्तीर्णजघना मृदुकीर्णकळविका । विशालोरुसमाविष्टा चक्रनामिर्मनोरमा ॥ क्रमादूर्ध्ववलीनिम्ना तनुमध्या तनूरुहा । सुवर्णकुंभसदृशौ दृत्तौ पीनौ स्तनौ मृदू ॥ धारयन्ती मृदुस्पर्शा कामस्य जननी दृणि । कंबुग्रीवानुमांसा सा सुकपोलमनोहरा । शुभविद्रुमविंबोष्ठी सुवती शुभनासिका । विनिद्रांबु-ज्वक्त्रा सा नीलोत्पलनिभेक्षणा ॥ विलासिनी सुरगीता (?) स्मरच्चापानिभे उभे । भ्रुवौ दधाना सुस्निग्धा अर्धचंद्रललाटिका ॥ दीर्घकुंचितकेशादद्या लक्षगैसकलैर्युता । त्रिलोकरजभूता सा विश्वचित्तविलासिनी ॥ यौवनस्था सुकांतंगी दैवमर्त्यविलोभिनी तां वव्रुः स्वर्वभूपाला भूयोभूयो विशांपते ॥ न तेषां कस्यचिद्दत्ता पित्रा विधिबलाभयात् । एतास्मिन्नेव काले तु वृषरूपा महासुराः ॥ कालनेमिसुतास्तस्य विक्रांता बाहुशालिनः । तदा देवासुरे युद्धे विष्णुना प्रभविष्णुना ॥ संप्रामान् बह्वशः कृत्वा तेन युद्धे जितास्ततः । दिशोमुखा प्रजग्मुस्ते विष्णुं हेतुं समुद्यताः ॥ यावत् कृष्णा यदुकुले जातो ह्येतद्वसत्तमाः । ज्ञात्वा विष्णुं यदुकुले यत्नवन्तस्समास्थिताः ॥ वृषरूपधरास्तस्य कुंभकस्य व्रजेव सन् । बलवन्तो महाशूरा महत्कुक्षिशिरोरुहाः ॥ लंबसा-स्ता महाग्रीवा महाकुंभककुक्षिनः । पृथुशीर्षमहाबालाः पृथुतीक्ष्णखुराः खराः ॥ दीर्घवक्त्रा दीर्घदंताः कुंडनेत्रा कुकर्णकाः । नित्यदृप्ता महाहासा त्रासिताशेषगोगणाः ॥ ते वृषाः सर्वतो जग्मुः गाश्च वत्सांश्च दुर्मदाः । गर्भानासावयन् सर्वान् गवांसस्यान्यभक्षयन् ॥ विदेहराज्ये जाता य भक्षयित्वा मूढमुहः सस्यानां फलितान् सर्वान् आधावन्ति स्म सर्वतः ॥ कुंभकाय व्रजे रात्रौ वसन्ति स्म सुशान्विताः । कृषीवलास्ततस्सर्वे राज्ञो मिथिलवर्मणः ॥ न्यवेदयन्तदासर्वे वृषैस्सस्याविनाशनो यान्येव तव सस्यानि राष्ट्रं जातानि सर्वैशः ॥ भक्षितानि समस्तानि कुंभकस्य वृषैर्नृप ॥ सप्तभिस्तेस्समुद्रिकैर्देमनेन विवर्जितैः ॥ ते निवार्या महीपाल यदि ते स्याज्जगन्नयः । सादयन्ति मुहुस्सर्वान् नष्टा राजन्भवत्प्रजाः ॥ इति तेषां वचः श्रुत्वा राजाजनकसं-भवः । दूतैः कुंभकमाहूय वचनं चेदमब्रवीत् ॥ तव सप्त वृषा गोपा निर्देमास्सस्यघातकाः । इम्यंतामद्य सर्वे ते वृषास्सर्व-प्रयत्नतः ॥ अन्यथा दण्ड्य एवस्यास्संबन्धुसप्तर्षो भवान् । गच्छ गोपैर्मितियुतेदेमने कुशलैस्समः । इम्यन्तां ते वृषास्तस्य न भयं विद्यते तव । अर्धरात्रौ कचिद्द्वैतान्दानवान्वृषरूपिणः ॥ गोपालैरपरैस्साधैर् नित्यन्तुमुपचक्रुः । रज्जुहस्तस्तदासर्वे मंदंमंदमुपाययुः । अथ ते बलवान् दृष्ट्वा रज्जुहस्तान् समंततः । ईभारवं प्रकुर्वन्तो गोपानेवाभिदुदुः ॥ तान्खुरैर्दशगकोणैश्च समाजग्मुस्समंततः । ते हता गोपमुख्यास्ते गतप्राणाः समं भुवि ॥ पतिताः शरते भूमौ वज्रभा इवाचलाः । दारका दारिका वत्सास्तेहताः पंडिता भुवि ॥ शरते मृतभूयिष्ठाः कुंभकस्य व्रजे स्म ह । निश्चेष्टमभवत्सर्वे व्रजं निहतदारकं ॥ न शेकुस्ते वृषान्शरीरं दृढैर्दशमिभिरुद्यताः । निर्वीर्यास्सर्वे एवामी भग्नास्ते वृषरूपिभिः ॥ व्रजे तस्मिन्महीपाल निहते च तथापरे । विसेजः कुंभको भूत्वा निश्चेष्टसमपद्यत ॥ तनो विमुक्ष्य तैर्गोपैर्मितिरिव समादधे । सप्तानां वृषमल्लानां दमिता यो भवेद्भुवि ॥ तस्मै कन्यां प्रदास्यामि नीलां नीरजलोचनां । गोपाः सर्वे समायान्तु ये गोपा गोष्ठ जीविनः ॥ शूरा वा ये समर्थाः स्युस्ते चागच्छन्तु सर्वशः । एवमाघोषयामास कुंभकस्स व्रजे किल ॥

इति श्रीहस्तिवंशे-विषष्टितमोऽध्यायः

⁴ A. D. 1159. See No. 35-Table, *op. cit.*

⁵ On page 830, Journal R. A. S. 1910, a MS. of Harivamśa in connection with Max Müller Memorial Fund, has been secured in Oxford. I am curious to know if these missing chapters are there.

वैशंपायनः ॥ ततो गोपगणस्सर्वो मिथिलामन्ववर्तत । वृषास्सप्त समाहृत्य नीलां गृह्णाम यत्नतः ॥ इति गोपास्समा-
जग्मुः प्रत्येकं तान्जिघृक्षवः ॥ मिथिला राजधानी सा न कचिद्वल्लवैर्विना ॥ गोपालमयमेवैतद् राष्ट्रं मिथिलवर्मणः । ते
गोपास्स्वायत्तभुजाः विस्तीर्णबलसंयुताः ॥ आस्फाटितभुजा मत्ताः प्रत्येकं वृषमन्वयुः । कुंभकस्य तदा दूतैराहूतो गोपन-
दनः ॥ गोपालैरपरैस्सार्धं नन्दगोपस्समायायौ । रामकृष्णौ च संयातौ कुंभकस्य व्रजं किल ॥ शरकैरपरैस्सार्धं सवयोभिर्मु-
हान्वितैः । मथुरांगश्चित्रांगौ नीलकुञ्चितमूर्धजौ ॥ पीते वसानौ वसने हरिचन्दनचर्चितौ । वनमालाकृतोरस्कौ दामय-
ज्ञोपवीतिनौ ॥ शिख्यालंबकटिकरौ वर्णवाद्यविनोदिनौ । किंकिणीजालसंहरादौ शिखिपिच्छैरलंकृतौ ॥ वेणुवीणारवकृतौ
शृंगध्वनिसमाकुलौ । हविस्थैर्देवगंधर्वैरनुयातौ महानुतौ ॥ गोपाला नौभिरुत्तीर्य यमुनामूर्ध्निमिलिनौ । गंगां चैवाभिसंयाता
मिथिलां कृष्णसंयुताः ॥ कुंभकश्च महाबुद्धिर्मैथिल्यो मुहान्वितः । नन्दगोपं तदा इष्ट्वा सपुत्रं च समागतं ॥ उद्यायाग्रे समाग-
म्य समालिङ्ग्य मुहान्वितः । प्रतिसंभावयामास यशोदा चैव धर्मदा ॥ बलभद्रस्य कृष्णस्य श्रीदामा चासनं ददौ । कूसरं पायसं
चैव तथा दध्योदने बद्ध ॥ निवेद्य नन्दगोपाय सपुत्राय मुहान्वितः । आपूषास्सकवोदानाः शर्कराक्षीरमिश्रिताः ॥ दत्ताः
कृष्णाय रामाय नंदायाय सजातये । एवं प्रीतास्सुमनसौ नन्दगोपपुरस्तराः ॥ ऊषुस्सुखं तदा रात्रौ गोपालास्सर्व एव ते ।
अथ तस्यां वृषा रात्रौ गोषु वैशसनं मुहुः ॥ प्रत्येकं सप्त ते महादानवा वृषरूपिणः । वत्सान् जघ्नुरथोगाश्च कुंटीभूयो
बभञ्जिरे ॥ आगतुकान् तदा गोपान् रात्रौ युद्धाय निस्तृतान् । जघ्नुः शृंगैः खुरैश्चैव शिष्टा गोपा दिशो ययुः ॥ इभारवं
प्रकुर्वन्तो दिग्गजा इव तस्थिरे । रज्जुभिश्चिन्त्वा घटान्मिन्त्वा कीलकानथ शिक्यकान् ॥ वत्सान्विद्रावयामासुर्गाश्च राजन्-
शोदिश । ततः प्रभाते विमले व्युष्टा सा रजनी किल ॥ वृषास्तस्थुर्महानादास्तास्मिन्कुंभकवेदमनि । दिग्गजा इव संहरं
इभारवपुरस्सरं ॥ चक्रिरे पर्वताकाराः कालांतकयमोपमाः ।

इति श्रीहरिवंशे चतुष्पष्टितमोऽध्यायः

वैशंपायनः ॥ अथ तस्यामवस्थायां निश्चेष्टः कुंभकः किल ॥ वृषान् तथाविधान् इष्ट्वा व्रजनिश्शेषकारिणः । गोपान्
सर्वान् संमाहूय वचनं चेदमब्रवीत् ॥ श्रूयतां मम वाक्यानि गोपा नन्दपुरोगमाः । वृषास्सप्त समुद्धृता व्रजेस्मिन् मददुर्मदाः ॥
सिंहा इवाग्रहाक्रांताः दिग्गजा इव दंशिताः । अप्रतर्क्या ह्यनासाद्धा गोपगोपीव्यतिक्रमाः ॥ यत्नाश्च बहवोस्माभिः कृता
शेदुमिमान् मुहुः ॥ एषा मे कंबला योद्धुं न शक्या स्नेहसंगता ॥ भीतास्तेभ्यो मुहुर्गोपा विसंज्ञा पर्यवामहे । किं च राज्ञोमुहूर्णञ्चा
वयं मिथिलवर्मणः ॥ गतिमेषां न जानामी न गतिं न च चिंतना ॥ न च ते केवलवृषाः राक्षसा वा वृषात्मना ॥ दैव्या
वा दानवा वाथ यक्षगंधर्व एव वा । अस्मदुक्तादानार्थाय व्रजेस्मिन् समुपस्थिताः ॥ युष्माकमागतानां तु यो वृषान्दमयिष्यति ।
तस्यैव सर्वकल्याणी नीला देया मनस्विनी ॥ नीला सुमध्यमा तस्मै दत्ता कमललोचना । इत्युक्त्वाहूय तां कन्यां गोपम-
ध्ये करोति तां ॥ यूतां मनांसि चाक्षीणि तस्यामेव प्रपेदिरे । स्तनयोस्थितिमाजग्मुः तेषां चित्तप्रवृत्तयः ॥ अन्येषामधरे चैव
परेषां च सुमध्यमे । एवं व्यालोलमनसौ गोपाश्चित्तस्थिता इव ॥ तत्र नन्दसुतः कश्चित् ज्येष्ठः कृष्णस्य संमतः । स तथा
घोषयन् वाचा दमयिष्ये वृषानमून् ॥ इति प्रतस्थे तान् हन्तुं दैतेयान् वृषरूपिणः । भुजावास्कोट्य रुद्रोपि पित्रा यत्न-
वता तदा ॥ इषेय योद्धुं मंदात्मा यात्र शक्नोति माधवः । रावणस्य रणे हन्ता यश्च हन्ता सुमालिनः ॥ तेषां मध्ये समास्थाय
इभारवमथा करोत् । तेन शब्देन ते सप्त वृषा घोषवतः पुरः ॥ खुरांश्छृगान् समुद्धृत्य समुत्तस्थुस्समुद्यताः । तेषां स्थिता
नामेकस्य घोषवान् मस्तकेऽहनत् ॥ ततो गोपास्समगम्य सिंहनादं व्यनीनन् । आहूते मस्तके सौर्यं वृषो घोषवतस्तदा ॥
अंसे खुराभ्यामहृत्य घोषवतं ददंश ह । पुनश्छृंगेण तं हत्वा खुराभ्यां दूरतोक्षिपत् ॥ व्यनीनदश्च सहसा गोपान् विद्रावयं-
स्तदा । युवानस्त्वथ ये गोपाः नीलाग्रहणलालसाः ॥ मुष्टिं संवर्त्य संवर्त्य भुजास्कोटनतत्पराः । गोपा लीलां प्रकुर्वन्तः तेषामग्रे-
पदं ददुः ॥ स्थितेषु गोपवीरेषु ते वृषा गोपघातकाः । तस्मात्तान् शृंगकोणैस्ते निजघ्नुः स्म ततस्ततः ॥ मस्तकैश्च खुरैश्चैव
न्यहनन्मुदिता भुशं । ते गोपा वृषदैत्यैश्च निहता भुवि पातिताः ॥ गतानभिमुखं हत्वा संस्थितास्समहवृषाः । इभारवनिनादेन
भीषयन्तश्च गोगपान् ॥ गोपालान् गोषु मुख्याश्च बलाद्विद्राव्य दंशितान् । वल्मीकान् खानयन्तौ वै महोत्पातं प्रच-
क्रिरे ॥ कुंभको नन्दगोपश्च ये वृद्धा गोषु जीविनः । कृत्यमूढास्सुसंवृत्तास्तदागोपपुरस्तराः ॥ राज्ञा भीता बभूवुश्च दंष्ट्रा
वयमिति स्थिताः ।

इति श्रीहरिवंशे पंचषष्टितमोऽध्यायः

वैशंपायनः ॥ अथ कृष्णस्तदारामं बभाषे वैशसे सति ॥ नेते वृषा महाबाहौ दैत्यास्सप्त समुत्थिताः । कालनेमि-
सुताः पूर्वमाहन्तुमिहसंगताः ॥ पुरा मया हता युद्धे तदा तारामये विभो । एते ते बलिनो नित्यं मम विद्वेषकारिणः । निहन्त-
व्या मया आर्यगोहोहन्तकरा इमे ॥ एते गोपा हता भूयो भूयो हन्तुं समुद्यताः ॥ एवमेतैर्यथायोगं क्रीडाकर्मसु गोपकाः । नन्द-
श्चकुंभकश्चोभौ विषण्णौ समपद्यतां । रक्षितभ्यौ बलादेतौ गोपौ बभूवु मया विभो । नीलाभेन ग्रहिष्यामि हत्वा सप्त वृषानमून्-
श्रीदामान् सखित्वेन संगृहिष्याम्यसंशयः ॥ इति निश्चित्य रामेण कृष्णः कमललोचनः ॥ पुरस्तेषां पदं चक्रे वृषाणां
बलशालिनां । ते वृषा दितिजाः क्रुद्धा विष्णुं वृष्ट्वापुरस्थितं ॥ पूर्ववैरमनुस्त्वत्य त्वराद्धंतुं प्रचक्रमुः । ते समं सहसा पेतुः
कृष्णस्योपरि दानवाः ॥ ततो युद्धं समभवत् तेषां कृष्णस्य च प्रभो । ततो गोपगणास्सर्वे कृष्णमेवाभिताभवन् ॥
शृंगैस्ते सहसा जघ्नुः कृष्णं हन्तुमभीप्सवः । पादप्रहारैरपरैः पुच्छघातैश्च केशवं ॥ पृथक्पृथक्समाहन्तुः प्रत्येकं ।
वृषदानवाः । दैतैर्दंशुरपरैः खुरैरन्ये जनार्दन ॥ ततः कृष्णो रुषा मुष्टिं सन्निहत्य जघान ह । क्रमेण मुष्ट्या तान्स्-
वान् हत्वा दैतेयगोपतीन् । नीलां हस्ते गृहीत्वाथ कृष्णस्तस्मिन् व्यरोचत । कुंभको नन्दगोपं तं प्रोवाच जनसन्निधौ-
प्रसाशन्तव पुत्रस्य जीवामो विगतज्वराः । सपुत्रास्तहगोपा वै सवत्सा नो धनैस्समं ॥ द्वेषश्च सप्तभिर्नन्द हता गावस्तहसशः

गर्भाश्चानिस्तस्तावद्वत्सास्तावंत एव हि ॥ यतस्ते निहता नंदं दुःखं तस्माद्वाग्मुनः । गोसहस्रं तव विभो महिषान्महिषीशतं ॥
यावदिच्छसि वा नन्द तावत्ते वै दशज्यहं । नीलायै लभनमुतं दास्यामीति च गोधनः ॥ नन्दगोपः ॥ अलं महाविभो नान
गोभिर्वत्सैर्धनैरपि । तिष्ठतामद्य गावस्ते गावो मे बहवः स्थिताः ॥ दूतवत्यः क्षीरवत्यो बभूवुः पुत्रजन्मतः । यज्ञकृष्णस्तदाभ्राता-
ततो मेवयंत ब्रजे ॥ यावहुर्गन्धं समुद्रूनं तावदेव घृतं भवेत् । गुल्मे गुल्मे मधु भवत्स्वादु स्वादुभवत्यलं ॥ गावो वत्साश्च नीरादा
जाते कृष्णे ब्रजे मम । अल्पं किञ्चिन्न मे स्यात्तद्गृहे स्वे कृष्णसन्निधौ ॥ यास्याप्यहमथो गोपगृहायाभ्यनुजानतां । इत्युक्त्वा ।
प्रययौ नन्दस्सत्रजस्सहगोधनः ॥ कृष्णश्च नीलया सार्धे श्रीशङ्खा सह संगतः ॥ साकं च बलभद्रेण ययौ वृंशवनं प्रति ।
प्राप्य वृंशवनं गोपाः रेमिरे सहकेशवाः ॥

इति श्रीहरिवंशे षडष्टितमोऽध्यायः

SONGS ABOUT THE KING OF OUDH.

BY WILLIAM CROOKE, LATE I.C.S.

[Wājīd 'Alī Shāh, the last King of Oudh came to the throne in A. H. 1263 (1847) and was exiled in 1856, just before the mutiny of 1857.]

No. I.

The Departure of Wājīd 'Alī Shāh from Calcutta.

*Repeated by Kālīkṛ Prasad, Headmaster of the village school at Akbarpūr,
District Fyzabad.*

Recorded by Pandit Rām Gharīb Chaube.

Text.

Sripati Mahārāj, tu bipati niwāro. Kat aihaiñ Hazrat des hô ?
Pahilā muqām Kāhanpur bhejyô : dusrā Banāras jāt hô.
Tisarā muqām Kalkatwā meñ bhejyô : Begamōñ to bhāgiñ pahār hô.
Alam Bāgh meñ goliyā chalat haiñ : Machchhi-bhawan meñ top hô.
Beli-gāraḍ meñ tegwā chalat haiñ : bānan se andhiyār hô.
Bāhar sowaiñ kul rā sipahiyā : dewarht meñ rowaiñ Kotwāl hô.
Bīb mahaliyā meñ Begam rowaiñ : lat chhatkāye lambi kes hô.
Topiyā chhuṭai wah topkhānwā ; hathiyā chhuṭai philkhān hô.
Ghore turang saharwā : mān chhuṭē sāthī hamār hô.
Kaisar Bāgh meñ Begam rowaiñ : lat chhatkāye lambi kesh hô.
Raghunāth Kuñwār : “ Kiripā bhayo ham ko bhayo banbās hô.”

Translation.

O Sripati Mahārāj (Rām), thou art the remover of calamity. When will my Lord return to his country ?

The first halt was Cawnpore: the second at Benares.

The third halt was at Calcutta, and the Queens fled to the hills.

Bullets were flying in the Alam Bāgh : there were cannons in the Machchī-bhawan.

Swords were drawn in the Bailey Guard : it was dark with arrows.

Outside mourned the sepoys : in the gateway mourned the Kotwāl.

In the palace mourned the Queen, and let their long locks fall dishevelled.

The cannons were left in the magazine : the elephants were left in the stables.

The swift horses were left in the city : our friends forgot their sympathy.

The Queens wept in the Kaisar Bāgh, and let their long locks fall.

Saith Raghunāth Kuñwar¹ : “ It was the pleasure (Rām) that we should be in exile.”

¹ The Author.

No. II.

The Flight of Wājid 'Alī Shāh.

*Sunī by Saligrān Kayasth,**Recorded by Lālā Prasad, a master in Amarpūr Village School, District Itāwd.*

Text.

Tum bin, Hazrat, āj mulk bhayo suno.
 Kōī, Hazrat, bare khilārt; khyāl kyā kinho?
 "Merī Kesar Bāgh lagāy gard kar dīnho."
 Hazrat chale Kalkattā, āsro kinho.
 Kōī Begam bhāī aswār, mulk taj dīnho.
 Angrez Bahādur āīn: mulk lai līnho.
 Kisi ne nāhīn kari larāī, nāhīn jang kīnī.
 Kōī jangal aur bayābān basarā līnī.

Translation.

Without thee, my Lord, the country has become silent.
 My Lord, thou wert very happy; what dost thou think?
 "They have turned into very dust the Kaisar Bāgh that I made."
 My Lord went to Calcutta and we had hope.
 Some of the Queens left the country in carriages.
 The great English came and took the country.
 No one raised any fight or rebellion.
 Some took to living in the forests and woods.

No. III.

Wājid 'Alī Shāh and the Kaisar Bāgh.

A Lament.

*A song in honour of the Kaisar Bāgh of Lucknow and the late king of Oudh, Wājid 'Alī Shāh.**Recorded by Pandit Rām Gharīb Chāube.*

Text.

Kaisar Bāgh banāyā, mazah Wājid 'Alī ne na pāyā.

1.

As pās sone ke kangure, bīch meñ takht bīchhāyā.
 An paṛī Angrez kī palṭan, hukum apnā chālāyā.
Mazah Pādshāh ne na pāyā, kaisa Kaisar Bāgh banāyā.

2.

Amīr gharīb sabhī hīlmīl rowāīn, rowāī phutphut kar sārā sansār:
 'Hāy! gayo pardes meñ, apne desh se rukhsat hoke sardār.'
Kaisā Kaisar Bāgh banāyā, mazah Wājid 'Alī ne pāyā.

3.

Lāle īf'e kapare pahane Pādshāh yogiyā rūp banāye.
 Lāle lāle kapare sāre musāhib yogiyā rūp banāye.
Are, Kaisar Bāgh banāyā, mazah Hazrat ne na pāyā.

Translation.

Wājīd 'Alī built the Kaisar Bāgh, but did not enjoy it.

1.

On all sides turrets of gold and in the middle a throne were placed.
 An English force came and settled and assumed the authority.
What a Kaisar Bāgh Wājīd 'Alī built, but did not enjoy it.

2.

Noble and peasant all wept together, and all the world wept and wailed.
 Alas! The chief has bidden adieu to his country and gone abroad.
What a Kaisar Bāgh Wājīd 'Alī built, but did not enjoy it.

3.

Clothed in red, the king put on the guise of a mendicant.
 Clothed in red, his followers put on the guise of mendicants.
O, my Lord built the Kaisar Bagh, but did not enjoy it.

No. IV.

The Departure of the Bahu Begam to England in appeal.

Songs in honour of the Bahu Begam's departure to England to 'appeal.'

Recorded by Rām Gharīb Chaube.

Text.

1.

Nandan ke joydā, are nā bahu rē.
 Allāh tumhen lāwe ! Lāyai Nabī aur Rasūl !
 Turk sawārān paidal hoyā gaye, galiyon meñ roye sipāh.
 Hāshī bhī bik gaye, ghore bhī b.k gaye, unt bhī ho gaye nillām.
Nandan kē joydā rē, nā bahu rē !

2.

Kaisā hai wah desh ?
 Keke, rē, hāth chithiyā likh bhejūn ? Keke, rē, hāth sandesh ?
 Kāgā ke hāth chithiyā likh bhejūn ? Panchbhīn hāth sandesh ?
Nandan ke joydā rē, nā bahu rē.

3.

Dekhan ko jiyā hoyā.
 Lāgi rē bazariyā, Sāhab, torī jakān bikain hārē aur lāl,
 Chaturā chaturā sandā kar gayē, rah gaye murakh gañwār.
Nandan ke joydā rē, nā bahu rē.

Translation.

1.

Going to London², thou art no daughter-in-law.

May God bring thee back ! May the Lieutenant and Prophet (of God ; Muhammad) bring thee back !

The Turkish horseman have become foot, and the sepoys complain in the streets.

The elephants and horses have been sold, and the camels put to auction.

Going to London, thou art no daughter-in-law !

2.

Of what kind is that country ?
 By whose hand may I send a letter ? By whose hand may news ?
 Shall I send my letter by the crows ? my news by the birds ?
Going to London, thou art no daughter-in-law.

3.

I long to see thee.
 O Englishman, there is thy market where diamonds and rubies are sold.
 The clever have sold their merchandise : the fools and clodhoppers have been left.
Going to London, thou art no daughter-in-law.

No. V.

The Settlement of Oudh.

Sung by Girdhārī Dās Chaube of Chandrapur, District Agrā.

Recorded by Ram Gharīb Chaube.

Text.

1.

Jis waqt Sāhbān Shahr Lakhnau liyā,
 Wājid 'Alī, jo Shah thā, Kalkattā chal diyā.
 Shāhzādgan Begam hamrah kar liyā hai,

² The text has Nandan. The natives think London to be the most enjoyable place in the world and have adopted Nandan (ban) the Paradise of India, with which they are familiar, as their name of London.

Malikah Muazzama nê tankhwâh kar diyâ hai,
Aqbâl se Firangî mulk Awadh le liyâ.
Sab Râjgân khauf se itâ'at qabul kiyâ.

2.

Be-intizâmi aisi thi Bâdshâh ghar,
 Wirân mulk hotâ thâ, rakhte nahîn khabar.
 Angrezon ne jab dekhâ, aisâ machâ hai ghadar.
 Nâyab Shaharyâr ne dakhâl kar liyâ shahar.
Aqbâl se Firangî mulk Awadh le liyâ.
Sab Râjgân khauf se hathiâr dhar diyâ.

3.

Phailâ amla Firangî kâ tirsath ke sâl mein;
 Blawâ huâ hai mulk mein painsath ke sâl mein.
 Angrez phir dakhâl kiyâ Chhiyasth ke sâl mein.
 Birjisqadar Begam Naipâl râj mein.
Aqbâl se Firangî mulk Oudh le liyâ;
Sab Râjgân khauf se hathiâr dhar diyâ.

4.

Jis waqt Belî Gûrad mein Sâhbân the;
 Koî rasad na chaltî thi, mahtâj Khodâ the.
 Aur gorahay lekar musta'id jang the;
 Bhukhoñ piyason marte the, an bhâgte na the.
Aqbâl se Firangî mulk Awadh le liyâ
Sab Râjgân khauf se hathiâr dhar diyâ.

5.

Jab Sâhbân dhâwâ karte the fauj par;
 Badmâsh mulkî battî dêtê the top par.
 Unke muqâbile se chhipâte the dar ba dar.
 Sar kaṭ le the gorâ unheñ khoj khoj kar.

6.

Talwâr aur golî aur sangin chaltî thi;
 Sadhân zarb ke upar jab batti baltî thi.
 Awâz us taraf se zamîn thartharâtî thi.
 Us waqt zan shikam se hamal dâl detî thi.

7.

Yahjisqadar Begam kî kahî gai bahaduri?
 Duniyâ mein nam rahgayâ shâhî se âkhiri.
 Ab kaun kar sakaigâ aisi bahaduri?
 Begam nikalte waqt khud jang kyâ kari?

8.

Jis waqt Rânâ Sâhab goron se jang kiye;
 Badmas bhâq bhâq ke Uttar kî râh liye.
 Jagrâj Sing pichhâ goron kâ kiyâ khûb;
 Ek ek ko mârkar, nâli mein diyâ dûb.

9.

Yah Rânâ Benî Mâdhav jawân mard hai barâ;
 Khud jang mungtâ hai, musta'id hai kharâ.
 Yah loh Baiswâre kâ Baison kâ hai karâ.
 Ab to muqâbilâ Angrezon se â parâ.

10.

Tab Sahbân âpas mein maslahat kiyâ:—
 "Rânâ ko lewâ milây Mulk Awadh le liyâ.
 Aur Râjgân sâre Mulk Awadh bewafâ.
 Yah log hongê hâzir jab khauf bar malâ."

11.

Jab Râjâ Mân Sinh Firangî meñ â milâ,
Us waqt Lâl Mâdho par khauf chal milâ :—
“ Badmâs bhâg bhâg luke jâke Karbala.”
Jab Sahbân jâkê gher liyâ bar malâ.

12.

Tab Rânâ dil meñ sochâ:
ab âbrû ke sâth nikal chalnâ khûb hai.
Afwâj apnî leke Uttar kî râh lî.
Sab râj apnî chhorke Begam kî sâth dî.

13.

Akhir kô bad hawâs hue râjgân sab.
Kisân namakharâmî Awadh Shâh ghar hai jab.
“ Angrez bewafâi karainge kaho yah kab ?”
Bar khauf hâzir âye yah râjgân sab.

14.

Pahlâ hî intizâm bandobast sarsarî ;
Bârah Zillâ kiyâ hai au arba Kamîshnarî.
Sûbah Awadh meñ ek hai Judishal Kamishanarî.
Nisbat apîl ke yah darjâ hai âkhîrî.

15.

Pher bād ko mauze mauze kâ had bast kar liyâ ;
Dañde aur meñde kâ sab jhagrâ uthâ diyâ.
Ahîni zanjîr paimâish shurû kiye ;
Mumkin aur ghair-mumkin sab judâ kiye.

16.

Jab kâghzât bilkul tartîb kar liyâ.
Tab intizâm sâlî bandobast kâ kiyâ.
Har ek ke nâm jârî hukmnâma kar diyâ.
Aur ishtâr dâwedârî kâ de diyâ.

17.

Bârah baras kî mayyâd muqarrar jo kî gai ;
Tîrsath ke jagah sâl ekkâwan likhî gai.
Andar malâd qabzah qîqrî dî gai.
Qabzah na bûd, arzî khârij kar dî gai.

18.

Har ek Zilâ meñ châr muhakamâ kharâ kiyâ :—
Zilâ, Kalaktarî, Diwânî, Ayân kiyâ.
Faujdârî bād bandobast ro diyâ.
Yah hâl kah gai, goyâ qalam band kar diyâ.

Translation.

1.

When the English took the city of Lucknow,
They sent Wâjid ‘Alî, who had been king, to Calcutta.
He took the princes and the queens with him,
And the great Queen (Victoria) gave him a pension.
By their prestige the English took the country of Oudh;
And all the chiefs acknowledged their supremacy through fear.

2.

There was such disorder in the king’s house,
That the country was devastated and no one took notice.
When the English saw that such anarchy was reigning,
The Queen’s Deputy (the Viceroy) entered the city (of Lucknow).
By their prestige the English took the country of Oudh,
And all the chiefs laid down their arms through fear.

3.

The English first commenced to rule in the year 63³.

The rebellion was in the year 65.

The English came back again in the year 66⁴.

Birjisqadar, the Queen, fled to Nepál.

By their prestige the English took the country of Oudh,

And all the chiefs laid down their arms through fear.

4.

When the English were Bailey Guard,

There were no supplies, and there was only the mercy of God.

And the white men were full of fight ;

They were dying of hunger and thirst, but did not run away.

By their prestige the English took the country of Oudh,

And all the chiefs laid down their arms in fear.

5.

When the English pursued the army,

The rebel scoundrels sprung their mines on the guns,

They hid themselves as best they could from place to place.

The white men cut off their heads wherever they found them.

6.

Sword and bullet and bayonet was used ;

Hundreds were wounded when the mines were fired.

The earth trembled at the noise of it,

And the babes fell from the wombs of pregnant women.

7.

What kind of bravery did Birjisqadar, the Queen, show ?

Her name has remained in the world.

Who now will ever show such courage ?

When the Queen had fled what fight was possible ?

8.

When the Rânâ Sâhib fought the white men,

The scoundrels fled to the North,

Jagrâj Singh followed up the white men well,

He killed them one by one and threw them into the stream.

9.

Thé-Rânâ Beni Mâdhav was a very strong man.

He wanted a fight and stood ready for it.

The steel of the Baisas of Baiswârâ is hard.

Now it fell to him to face the English.

10.

Then the English counselled together :—

“ Let us join with the Rânâ and take the Country of Oudh.

All the other chiefs of the Country of Oudh are unreliable.

If these come in then there will soon be fear. ”

11.

When Râjâ Mân Singh joined the English,

Then Lâl Mâdhav began to fear :—

“ The scoundrels have taken refuge in Karbalâ. ”

Then the English soon surrounded him.

³ A. H. 1263 A.D. 1847.

⁴ This story is a little mixed, Wâjjid 'Alî commenced his reign in A.H. 1253 (A.D. 1847) and was exiled in 1856. The Mutiny was in 1857.

12.

*Then the Rājā thought in his mind that
It would be well to escape with honor.⁵
He took his armies on the northern road.
He gave up his kingdom and went to the Begam.*

13.

In the end all the chiefs lost their heads.
They saw that all the people were faithless to the house of the King of Oudh.
“When will the English be unfaithful?”
And so all the chiefs presented themselves through fear.

14.

The first arrangement (of the English), was the rough survey (of the country).
They made twelve Districts and four Commissionerships.
In the Kingdom of Oudh there is one Judicial Commissionership,
For the purpose of appeal this is the last Court.

15.

After that they fixed the boundaries, village by village.
They stopped all the quarrels over uncertain boundaries.
They began to measure (the land) with iron chains.
They divided the cultivable from the uncultivable land.

16.

When all the papers (for the land) were in order,
Then they managed for the yearly settlement (of revenue).
They sent summons to every name.
And advertised for every claim.

17.

They fixed a period of twelve years⁶
And instead of the year 68 they wrote 517.
Decrees were granted for possession within the period.
If possession was not proved, applications were rejected.

18.

In every District four departments were set up :—
Revenue, Judicial, Criminal and Settlement (of Revenue).
Then they arranged for the army.
This is the story as it has been committed to writing.

MISCELLANEA.

THE EARLIEST SAKA DATE.

MR. NARASIMHACHAR announces the discovery in a Jaina work entitled *Lōkavibhāga* of the Śaka date 380 corresponding with the 22nd regnal year of king Simhavarma Pallava of Kāñchi. This date, equivalent approximately to A.D. 468, is considerably earlier than the oldest Śaka date hitherto recorded, viz., 427=A.D. 505 in Varāhamihira's *Pañcha-siddhāntika*, l. 8 as pointed out by Dr. Fleet (J.R. A. S., 1910, p. 819).

The discovery, announced in 1909, is confirmed in 1910 by the verification of the details of the date.

A definite basis for ultimate settlement of the Pallava chronology is also secured.

Full information on the subject will be found in the Annual Report of the *Archæological Survey*, Mysore, for the year ending 30th June, 1909, para. 112, and *ibid.* for 1910, para. 115, dated August 1st, 1910.























































V. A. SMITH.

⁵ This is a prose interposition.

⁶ I. e., they fixed possession for twelve years as giving an absolute title to the land.






























⁷ I. e., possessors admitted in 1847 were granted possession from 1835.

- Verse 25. Read स्कन्धं as suggested by Paṇḍit Durgāprasād, and compare श्वराकस्कन्धमारुहः at VII, 1697.
48. Read °क्षोभण° with D.
94. अङ्गेन N, E; a possible reading.
100. °वैशुन्य° N, P, C, D.
110. पतंगः P, D, सतंगः N, E.
122. यो[ऽ]न्यायतो[ऽ]जितम् N, P, D.
135. Read सागराख्येण with P, D; see Pāṇini, VIII, 4, 18.
182. व्यधायि MSS. and D (व्यधायि C).
280. Read perhaps भुम्°.
292. Read वृत्तान्तमध्य°.
316. Read °भिजनः.
335. बन्धु MSS. and D.
345. The correction प्रासादा° is unnecessary; प्रमादापवाजित means 'left behind through carelessness.'
350. Read गच्छयः.
398. प्रवर्तमाने MSS. and D (प्रवर्धमाने C).
399. प्रवर्तित° N.
436. Read perhaps °कृतः.
483. The MSS. and D read यत्, which seems correct (यन्त° C).
493. धनवृद्धिश्च P, D.
495. स्थूलोत्पत्तिः P, D.
553. Read perhaps गत्वोत्थितेन.
555. त्वलक्ष्मी° M with L.
559. °विधानं M.
561. प्रवृत्तोपि M.
567. द्वित्रास्तु N and E with A.
572. भेजिरे M.
573. साध्यादि° M. विशिरे M.
581. °पालस्य M.
588. कीर्तिर्वन्मा° M: compare L. °जश्च M. In J. R. A. S., 1907, p. 403 ff., Dr. Vogel has identified Babbāpura (or Babbhāpura) with Babōr near Jammū.
589. शैरशो [मु]ङ्गवे M; compare L.
590. गम्भीर° M. कान्दीशः कष्ट° M.
593. पुरोपश्य° M, L, D.
596. नापिकं M; compare L.
598. °कलशो दृश्यं नित्यं M.
608. सतोयो° M, N, C, D.
619. सखीनिव M, L, as suggested by P. Durgāprasād.
620. °स्तदा तैस्तैः M. मानिनम् M, L, as suggested by P. Durgāprasād.
621. भिग्शा° M.
622. °नपहस्तेन M.
623. वीक्ष्य तं M.
628. °भूतस्तेन and °स्वशा M with L.
629. भिग्शा° M.
630. °पुत्रस्तु M, N.
632. निवेद्यन् M, L, as suggested by P. Durgāprasād.
633. °व्यधत्तापि M with L.
635. °द्वारौ M with L.
638. संभाष्य M with L.
639. °न्मध्येकृत्येति M, N, P, D; see Pāṇini, I, 4, 76.
642. मा जानाति जनोखिलः M.
646. भविष्यानि M. मुनिः M with L.
647. उभूपुराचिरा° M. °मीहते M with L.
656. कर्म M.
657. सुतं मत्वा M.
659. चण्ड° M with L.
663. भवन् M.
667. चक्रे स M.
668. तमोरा° M with L.
670. प्रविविक्तवः M, L, C, as suggested by P. Durgāprasād.
671. दृढगृहद्वारास्थितं M.
672. °युर्योधा M.
675. द्विजस्त्रिव्या° M with L. °हेताः M.
679. बद्धः M, L, as suggested by P. Durgāprasād.
681. मन्त्रिणश्चासां° M.
684. °वैकल्यात्पशुतुल्यो M with L.
685. °नप्त्वी भर्तुर्वैधायिनी M with L.
689. °वैज्जहिने M.
691. राजा श्रुत्वा M.
692. सूरं च सोपलप्य M with L.
698. ततोभिशाप° M, P, C, D.
699. °प्रतिष्ठाप्रारम्भं M.
701. ग्लापित° M, P. °मार्तः M.
703. ततोभिषेक्तुमुत्कर्ष° M, L, as suggested by P. Durgāprasād.
705. तेन प्रा° M, L, E, as suggested by P. Durgāprasād.
709. जानन्स M. त्रावेधर° M.

710.  माहेश्वरोपि M, L, as suggested by P. Durgāprasād.
711.  नदन्मुख्यज्ञानी M with L.
713. तृतीयायां M.  तत्पादे° M, L, as suggested by P. Durgāprasād.
715.  °न्यासः स M with L. °णान्तिकम् M.
718. परिसंचरन्ती M.
721.  जपन्किमिव M with L.
723. निष्ठां समासदत् M.
728. °भास्वरम् M, P.
737. तस्मिन्नहि न M.
741.  निवाप° M, D.
747. ग्रहितैः पुनः M.
750.  राश्यस्मिज्गुव्यामो M with L.
754.  केचि° M.
755.  विधत्ते स्म न च M.
756.  परिज्ञातुं M.
757. Read निर्घयेणास्य with C.  चिन्त्यमानव्ययेन M with L.
759. व्यवहारे M.
760. लुब्धात्तस्माद्° M.  °शादन्तुं M, L, as suggested by P. Durgāprasād.
761.  ते चापि M, L, as suggested by P. Durgāprasād.
762.  मध्यस्थसैन्यात्तस्याप्रेयोधाः M; compare L.
766. °न्मधुरा° M.
769.  गुला° M with L.
770.  समराय M with L.  °शिभियत् M, L, P, D.
771.  सहस्थितौ M with L. राजसुतौ M.
772.  वाहिभिः M with L.
774. समोर° M; compare my note on VII, 668.
776.  °कार्ये M.
779.  उच्चचार च M with L.
782. शाम्येदरिभयं M.
783.  चोक्ता M, L, D.  विविञ्चता M with L.
785.  °लीयके M with L.
792. किल विवि M.
795. दूरमा° M.
796. वदन्स तान् M.
797. °मुपान्यास° M; read °मुपन्यास°.
800. उत्कर्ष° M.
801.  °तिष्ठन् M, L, as suggested by P. Durgāprasād.
802.  सत्यात्मजं M with L.
804. °वृद्धक्षत्र° M, L, D. °वृद्धक्षत्र° P; read °वृद्धक्षत्रि°.  °भराधरः M with L.
807. °मुत्क्रोधा M.
808. °पुत्राहुष्टा M. सार्धे M.
815.  हेरोन M with L. °क्षणवास M.  बहिश्चिरान् M.
820.  चोत्थाप्या° M with L.
821. °धैतमे° M.  हत्वोत्कर्षे M with L.
822.  हर्षस्तत्स्थौ तु M with L.
823.  निष्पक्षपात्ति° M with L.
824. °त्साधुत्व° M.
825.  °द्रक्षन्तं M, L, D.
826. क्षणम् M.
828. मरणोत्तीर्णो M.
830. वैयात्या° M.
832. Read °न्यदन°.
835.  °त्राजा M with L.
838.  °मानिनम् M.
839.  नीत्यैवं M, L, N, C, D.  तद्वाड्यं M, L, as suggested by P. Durgāprasād.
840.  सिंहासने स M with L.
841. कृतहारोप M.
843.  शुक्ति° M.  °न्यान्वचो M with L.
844. Read यं मन्त्रं तं ना°.
845.  °साशिनां M with L.
850. साकं M.
852.  °वहास्तेन M; compare L.
858. दृष्टा M.  वारवधूः M.
859.  °गैरिक° M with L.
864. स्यात्त° M. Read प्राणान्मोपेक्षिष्टा.
865.  समार्पिपत् M with L.
866. °सिन्हेण° M.
869.  °होदयक्षेत्रं M with L.
873. चाप्रकीर्त्या M.  चर्चा कथं M with L.
874.  °भूत्वेष्वेव M with L. दुष्प्रेक्षो M.
876. °प्रतीकाश° M; read °प्रतीकाश°. °प्रकटो° M.
881. विगतोत्साहो M, L, विगतोष्णीको P; read विगतोष्णीषो with D and compare निरुष्णीष at VII, 922.
888. बन्धान्संत्यज्य M; read बन्धान्संत्याज्य.
892. प्रदृश्यामे M. °नासावि° M.  निष्प्रावहो M with L; compare VII, 337, 617, and my notes on 621, 629.
897.  भाचोरानुपयं शान्तयोगतः M; compare L.  तान्वद्भिर्ना° M with L.
901. तत्रागन्तुं M.
902. श्रुतिगते M.
903. °सैन्येपि M.
904. स हरन्तु° M.
907.  भांकारि° M.
908.  प्राकृतानीव M, as suggested by Dr. Stein (Text).

910. सत्त्ववानाकरोत्पत्न्या मज्जन्तमत्तिसंकटे M.
Translate:— 'The horse, powerful because it was of Khandesh breed, having crossed the swollen river, also followed him who was being immersed in great danger.'
912. Read गिरीन् with D.
913. शाहिना M with L.
916. Read perhaps संकटात्.
918. The second half runs thus in M:—
पद्मानि धाता कुपितो द्विपेन निर्धृज्यत्येककरेण
नानि ॥
919. प्रभाविज् M with L.
921. स शोभा MSS., C, D. धायिनी M.
922. निष्कर्णा M with L.
924. राजोचितो M.
927. लङ्गाडीदला: M. Compare *Vikramāṅka-dēracarita*, XII, 12, and Hēma-chandra's *Anēkārthasaṅgraha*, II, 118, commentary.
929. नङ्गहेमोपवीतिका: M.
932. प्रणयादिव M.
935. विनिर्यातं M, L, as suggested by P. Durgāprasād. काले M with L.
939. न व्यधु: M, N, P, C, D.
943. दत्तास्थानस्य M with L.
949. कस्या M. अवाचस्पति: = बृहस्पतिं वर्जयित्वा; compare VII, 941.
953. वारणात् M, as suggested by P. Durgāprasād. राज M.
955. दानैर्नहीभुजा M.
956. शाहिवंश्याकरोत्पत्न्या M.
957. महेश्वर्य M.
963. स्त्रीणां तेन राजा शत M.
964. ग्रीस्तेन M.
965. प्रेयमाणो M. कोट M. भूलो-हरारब्धि M. Compare the footnote in Dr. Stein's Translation.
968. कोट M.
969. लहर M. कोट M.
971. पात्रताम् M, as suggested by P. Durgāprasād.
974. सोरिबज्ज M.
979. मध्यशेस्त M with L.
980. वानासीद्रेणे M with L.
981. सार्षिणै: M with L.
982. कन्वर्प पर्यवेष्टयन् M.
983. उत्तमानय M with L. नोषधि M with L.
986. Read त्संछन्ना with D.
988. केचि M, L, as suggested by P. Durgāprasād. परकी M, L, C.
991. स्वां भुव M with L.
995. मभिसंमत: MSS. and D (मति C).
998. शूरं M, N, P, L, C, D. तथा M.
1000. पुत्रमावाय M with L.
1002. चरा M, L, as suggested by P. Durgāprasād.
1004. विनिष्कृष्य M, as suggested by P. Durgāprasād.
1006. कोट M, P, D.
1009. ससैन्य M with L.
1010. निहत्योदसितं M; read दसत्वं.
1011. लक्ष्या: M, C.
1012. न्मध्वे M.
1014. वेष्ट्या MSS., L, C, D. पैष्यति M, D; see Pāṇini, VI, 1, 89.
1019. मेन्वय M, as suggested by P. Durgāprasād.
1022. शामला M; read शमाला. नाग M, L, C.
1024. ज्जिनेव M. पूरयन्धुतो M.
1025. स्थितस्यास्थान M, L, P, D.
1026. मन्त्रवीत् M.
1029. प्राप्तस्य M, L, as suggested by P. Durgāprasād.
1042. दूतमप M, L, as suggested by P. Durgāprasād.
1043. Read दत्तदेहो.
1045. प्रयागेण A, P, E, C, D.
1047. The reading यावत्सशङ्कु requires no change; compare *Śiśupālavadha*, I, 58.
1053. Read प्राङ्मुखे with D.
1054. सीहेन M with L; compare VII, 1299. Here and in verses 1062 and 1065 M reads दुल्ल for दुल्ल.
1056. समाकार्य M with L.
1059. Read संकटक्षण: with C, as suggested by P. Durgāprasād.
1062. Read perhaps निश्चिन्वत.
1096. Read प्रभाविणौ with C.
1112. राजो M, P. अधिकौ M; Śiva and Vishnu are alluded to.
1113. मात्यैर्नियतोधिकार: M. भूपा: MSS., C, D.
1114. स्वादुहित M. मुञ्चत्यथ M. समस्वभाव: M.
1115. लघुतां गतम् M.
1118. दीनार M.
1119. पर्माडे: M; compare VII, 935 and Dr. Fleet's *Dyn. Kan. Distr.*, p. 446.
1120. प्रोत्सार्य M.
1121. पर्माडेश्च M.

1122. °ताम्बूलपरित्यागे M.
 1123. नारिकेल° M. C.
 1124. विम्पला° M. Read °पापद्धि°, 'chase,' as suggested by P. Durgāprasād.
 1127. परि° M. भवेत् M.
 1129. Read चोडमन्त्र°.
 1132. °आयुर्वर्षायुता° M with L.
 1135. °परान्य[ानुवा]यानसेवत M.
 1137. कृते N, P, D.
 1139. °व्युनहतो° M.
 1141. °तशायुः° M, L, as suggested by P. Durgāprasād.
 1143. तस्मिन्नेव क्षणेभवत् M.
 1147. °याभिरङ्कमारोप्य M, L, as suggested by P. Durgāprasād.
 1148. Read विद्वज्जः with D.
 After 1149 M inserts the same verse as L.
 1150. सर्वा° M, L.; कदाचित्कु° M. Read perhaps द्वाविंशतिरेण दाकचित्कोपितो and compare Dr. Stein's footnote on I, 189, where it is shown that Rājapuri was included in Dārvābhisāra.
 1154. °धरापते: M.
 1156. तेन मार्गितुं भूरि M.
 1170. °प्रेरयस्त्वा° M.
 1171. °रन्ध्रमन्विष्य M with L.
 1172. °यक्कन° M with L.
 1173. °पेक्ष: M.
 1174. तद्वल्लैर्दृष्टाक्रा° M. राज्ञा च M.
 1176. °प्रेरयत्क्षमापं M, C, D.
 1177. °वातगण्डस्त° all. °चरणकं M with L.
 1178. °भजहैरं M with L.
 1179. °विसृजिते तु M. दुर्गे सैन्यैर° M.
 1180. कीदपि M.
 1182. संमामानति° M.
 1187. °हैर्विहितैरिव M.
 1188. क्षपयन्कांश्चिक्षपणे कांश्चिदुत्थयन् M.
 1189. °वारविसृजणम् M.
 1192. °प्रसिषतापमा: M (°सिष्यता° only C).
 1194. सफेणेव M, C.
 1195. Read हारद्वैः.
 1200. °यद्राज्ञो M, L, as suggested by P. Durgāprasād.
 1208. °तेन मन्त्रिणा M.
 1212. तमुद्यस्य निवेशने M.
 1213. Read perhaps सचिवमुद्ययाख्यं.
 1220. सीना° in both cases M.
 1221. सीनारै: M.
 M omits the second half of verse 1227 and the first half of 1228.
1229. °नुङ्गद° M.
 1230. °महानसम् M.
 1231. Read क्रूरं or कूराद्.
 1236. °काकाद्या M.
 1238. °कणो M, D. °अलिद्यन्त M.
 1241. लोनाहे M, N.
 1250. °दुग्धवाते M; see Dr. Stein's note on VII, 1171.
 1251. जाति° M.
 1256. °कालिञ्जर° M, P, D.
 1261. °काङ्किता M.
 1262. °श्रवाता° M, P, D. °मान्धृतो° M.
 1264. °वस्त्वचन्द्रस्य M.
 1266. °त्वहं M. °तमरिनाशाय M.
 1269. कश्मीर° M.
 1272. °मुद्धतम् M.
 1273. °उयावोचदु° M.
 1279. सङ्गं M, N, P, C, D.
 1283. °सातवाहनामानं चन्द्रो° M. °चन्द्र° M, D.
 1289. कार्मीर° MSS., C, D.
 1292. डामरा: निर्गता M. °वड° M; see VII, 1298.
 1297. वैशाखसित° M, P.
 1298. °वड° MSS., C, D.
 1299. Read क्षेमदात्मजं, as suggested by Dr. Stein (Text); compare VII, 482. °आस्थापय° M, N, D.
 1301. इवाविशत् M.
 1302. °त्वाशका° M.
 1305. °सैनिकम् M.
 1307. °रथादी° M.
 1311. काकाख्यवैरय° M.
 1322. °लावहन् M.
 1325. °चानीकै: M.
 1326. °पुरं M.
 1332. °त्वोरै° M, P, D.
 1333. °विरोधिनाम् M, as suggested by P. Durgāprasād.
 1342. संवह° M.
 1344. °यम् M.
 1345. °पादिते M.
 1346. °कारं M. यत्प्रपये M, N.
 1349. °वपाकृत: M.
 1351. नायानिधिनोहावहं रिपो: M.
 1364. °पद्यत L, N, P, C, D.
 1377. Read perhaps संस्पृधिता.
 1380. Read perhaps मनस्य°.
 1385. Read perhaps व्यधुः.
 1391. Read ब्रूत.
 1398. तत्प्रभाव: M, N, C, D with A¹.

1399. मत्थानरज्जो^० M in the margin.
 1401.  मा त्याक्षीरचिरादेवं M.
 1402.  काप्यनि^० M.
 1403.  गरीरतां M.
 1410.  दुःखं M. as suggested by P. Durgā-prasād.
 1413. न्यादिविक्रियाः M, P, D.
 1432. असंख्यां M.  न्याय्ये M, as suggested by P. Durgāprasād.
 1433. मैव M, D. लोकेना^० M.
 1440. हठापातिनीं M.
 1441. Read perhaps जाताः.
 1450. कीर्तनम् M.
 1454. भुपस्थिते M.
 1459. पराश्रये M.
 1462. महादेव्या M.
 1463. श्रयणीं M.
 1465. वासौ P, D.
 1467. मण्डलः M.
 1480. सञ्चका^० M.
 1485. Read चाश्रमयस्मयात्.
 1487. अवकल्य seems to mean the same as नीवि, 'a hostage'; compare VII, 1473.
 1489.  जनाशुभिः M.
 1491. परस्मिन्वैतस्तं M; read तस्ततीरे.
 1492. Read संलक्ष्यौ.
 1509.  कथय^० M.
 1510. पिष्टं M.
 1511.  प्यङ्गं M, C, D.
 1514. मुद्ध[r^{*}]व्य M.
 1519. संप्राप्य MSS., C, D.
 1525.  कलशगङ्गा M; compare कलशगङ्गा at VII, 570. Read perhaps तं प्रस्थितं.
 1533.  एणर्थय^० M.
 1538. Read perhaps स्तीव्रताप^०.—'He (nearly) died repeatedly of fever, and with him his father (out of anxiety for him).'
 1542. स्थानस्थः M.
 1543.  वध्न्य^० M.
 1549. Read पर्यवास्यद्विधि^०.
 1556. तीर्णैस्ततो M.
 1561.  कंधरः M, as suggested by P. Durgāprasād.
 1567. Read प्राङ्गण^० with D.
 1569. भ्रमत् M.
 1577. Read वसन्त्यदृश्या.
 1583. अत्यन्तं M.
 1594.  आदह्ये M, as corrected by Dr. Stein.
 1595. नावर्त्तं M; read नौवर्त्तं. स प्राप M.
 1597.  दुग्धं M.
 1598. Read विज्ञो राजपुत्रस्य.
 1601. शब्दमपि प्रसूते N, P, D.
 1607. शीयराजं^० M.
 1609. चाश्रमत् M.
 1620.  निशाम् M, as suggested by P. Durgāprasād.
 1624.  दृहान्तरात् M.
 1626. प्रेयाश्रमं M.
 1627.  भविष्यामि M.
 1628.  वृष्टिपातं^० M, D.
 1629. नैव M, E.
 1633. निःसहायता M.
 1635. सोमैश्वर्यमिधाः M. वनान्तिके M, N with A¹.
 1636. अभुङ्क्ता^० M.
 1637. भिरशा^० M.  कुङ्को^० M, P, D.
 1641. रुद्रादित्यं M.
 1642. Read प्राङ्गणोर्वी with D.
 1644. तस्य भीमवतो भीमा रात्रिघोरा^० M.
 1645. निशाम् M, P, C, D.
 1646.  न्तरा दुःखं M, L, C, D.
 1649. प्राप्तावमानं M.
 1650.  हस्तिकर्णान्तिकं M.
 1654. गृहे तिष्ठन्तश्च श्रुत्वा M.
 1657. सङ्का^० M. लालितकश्चैकः M; compare L and the footnote in Dr. Stein's Translation.
 1659. रिवैका M.
 1663. भृशतानपि M.
 1664.  आलापव्यवहारादि M.
 1665. Read प्रयागेण with C, D.
 1667.  तपस्विन्य^० M, as suggested by P. Durgāprasād.
 1670. Read प्रयागेण प्राङ्गणस्थेन with D.
 1675.  गात्रे प्रहागं^० M.
 1677.  व्यथः कथन् M.
 1678. Read प्रयागेण with C, D.
 1679.  वंदना M, A¹, E, D.
 1680. Read प्रयागेण with C, D.
 1681.  द्वे ततः पात्रे M.
 1682. विनिःश्वस्य M, D.
 1686. यथैव M.
 1687. श्रुत्वा पुत्रं M. निन्द्यते M.
 1698. Read प्रयागेण^० with C, D.
 1702. Read रावदे with D.
 1712. व्येता^० C, D.
 1727. Read गौरकाख्येण with D; see Pāṇini, VIII, 4, 13.
 1730.  नातुमुत्^० M.
 1731.  यश्च E with L.
 1732. Read राजकुलं.

DONALD WILLIAM FERGUSON.

BY A. M. FERGUSON, M.R.A.S.

[I have a sad pleasure in publishing this memoir. Donald Ferguson was a valued contributor to these pages, and always ready to assist me in any obscure point of Oriental knowledge requiring acquaintance with the languages and literatures of the European nations connected with the East.—ED.]

Donald William Ferguson was born at Colombo, Ceylon, on the 8th October, 1853, died of pleurisy at 'Samanala,' Croydon, on the 29th June, 1910, in his 57th year, and was cremated at Golders Green on the 2nd July following. He was the third son of the late A. M. Ferguson, C.M.G., who arrived in Ceylon in 1837 and died there in 1892, being for the most part of those 55 years chief proprietor and editor of the *Ceylon Observer*. Mr. D. W. Ferguson was educated at Denmark Hill Grammar School, Camberwell, by C. P. Mason, the celebrated grammarian; at Mill Hill School by R. F. Weymouth, D. Litt.; and at Regent's Park Baptist College, by Dr. Joseph Angus, M.A., author of "The Bible Handbook." He married, in 1883, Winifred Meredith, the daughter of the Rev. F. D. Waldock of Ceylon. His widow and two daughters survive him. Although delicate in childhood, knapsack walking tours in Switzerland with his elder brother so strengthened him that in his 17th year he was able, with the same companion, to walk in Bohemia 50 miles in one day and 34 miles the next.

Mr. Ferguson studied medicine under Dr. Frederick Roberts at University College, London, but gave that up for literary work. He was for many years co-proprietor and co-editor of the *Ceylon Observer* with his father and with his cousin, John Ferguson, C.M.G., who has now been connected with Ceylon for nearly 50 years. By medical advice he had to retire to England in 1893, and spent the last 17 years of his life at Croydon in doing most valuable work relating to the ancient history of his native island, as the subjoined list of his works in the British Museum Library will show. He had a good command of French, German, Dutch, Portuguese and Spanish: also an acquaintance with Latin, Italian, Sinhalese, Tamil and other languages. He inherited his father's talent for remembering accurately what he read. He was a frequent and acceptable contributor to the *Athenum*, *Notes and Queries*, *Indian Antiquary*, *Orientalist*, and the *Journals* of the Royal Asiatic Societies of Great Britain and Ceylon, of both of which he was a life member. He was also a member of the Philological Society, where he made valued friendships with the late Dr. Richard Garnett, Dr. F. J. Furnivall, etc. He was a man of strong views, and hated all shams. Needless to say, he was a constant student in the British Museum Reading Room, from the catalogues of which the following list of his works is compiled:—

Ferguson, Donald William. See Kuhn, E. W. A. On the earliest Aryan element of the Sinhalese Vocabulary . . . Translated by D. F. (1885 ?) 8°.

See Ferguson, William, of the *Ceylon Civil Service*. List of writers on Ceylon, etc. (Enlarged by D. W. F.) [1886.] 8°.

See Daalmans, A. E. A Belgian Physician's Notes on Ceylon . . . Translated from the Dutch by D. W. F. [1888 ?] 8°.

Captain João Ribeiro: his work on Ceylon, and the French translation thereof by the Abbé Le Grand. Extracted from the *Journal* of the Royal Asiatic Society, Ceylon Branch, pp. 47. [Colombo ? 1888.] 8°.

See Ribeiro, J., *Capitano*. Ribeiro's account of the siege of Colombo in 1655-56. (Translated) by D. W. F., etc. [1891.] 8°.

The Reverend Philippus Baldæus and his book on Ceylon, pp. II, 47. Colombo, 1895. 16°.

Captain Robert Knox : the 20 years captive in Ceylon . . . Contributions towards a biography, pp. 72. Printed for private circulation. [1896-97] 8°.

See Knox, R., *Captain*. Robert Knox's Sinhalese Vocabulary, (Edited) by D. W. F., etc. (1897) 8°.

See Texeira, P. The Travels of Pedro Texeira . . . with . . . an introduction by D. F. [1902] 8°.

See Vieyra, C. and Calao, V. Letters from Portuguese captives in Canton, written in 1534 and 1536. With an introduction . . . by D. F., etc. *Portuguese and English* [1902] 8°.

Correspondence between Rāja Sinha II and the Dutch [1645-1660]. Extracted from *Journal* No. 15, Vol. 18, of the Royal Asiatic Society, Ceylon Branch [1904.] 8°.

See Rajasimha II, *King of Ceylon*. *Cartas de Raja Singa II*, Rei de Candia, aos Hollandasas, 1636—60, publicadas por D. Ferguson [1907] 8°.

The Discovery of Ceylon by the Portuguese in 1506 . . . *Journal* of the Ceylon Asiatic Society, Vol. XIX, Colombo [1908] 8°.

See Barros, João de. *History of Ceylon* from the earliest times to 1600 A. D., as related by J. de Barros and D. do Conto. Translated and edited by D. F., 1909. 8°. (*Journal* of the Ceylon Branch of the Royal Asiatic Society, No. 60).

FIVE BANA INSCRIPTIONS AT GUDIMALLAM.

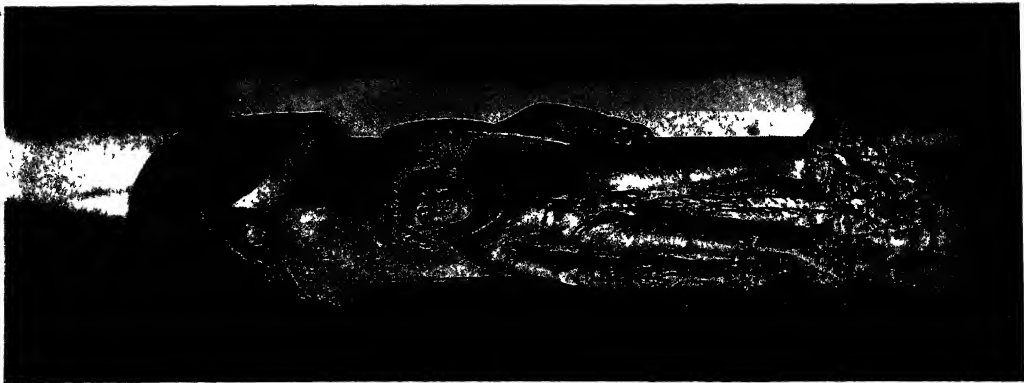
BY T. A. GOPINATHA RAO, M. A., TRIVANDRUM.

THE temple of Paraśurāmēśvara, from which the five inscriptions edited below have been copied, is situated in the village of Guḍimallam, six miles north of Reniḡuṇṭa, which is a village, with a railway station, in the Chandragiri *tāluka* of the North Arcot District. One of the inscriptions belonging to this temple informs us that it was completely rebuilt in the ninth year of the reign of Vikramachōḷadēva (A.D. 1126).¹ The present structure is not after the common model of the period to which it belongs: the *vimāna* has the so-called *gajapriṣṭhākṛiti* shape: but a close study of the plan and sections, given in the accompanying plate, warrant the conclusion that the architect had distinctly in view the shape of the *liṅga*;² and hence the *vimāna* might better be styled a *liṅgākṛiti-vimāna*. Again, the *liṅga* of this temple is a most remarkable one, in that it is an exact copy of the *phallus*, and has the various portions shaped very accurately. It has been made out of a hard igneous rock of a dark brown colour, samples of which are found near the Tirumala hills. The *liṅga* and the image of Śiva carved on its front side are very highly polished. Unlike the later representations, the image of Śiva has been made with only a single pair of hands, the right carrying a ram by its hind legs and the left holding a water-vessel. A battle-axe rests on its left shoulder (from which perhaps he derives his name of Paraśurāmēśvara), and there is the usual matted and twisted hair (*jaṭā*) on his head. He is standing on the shoulders of a Rākshasa whom the sculptor has represented with a pair of animal ears. The *liṅga* is the only one of its kind in

¹ No. 212 of the Government Epigraphist's Collection for the year 1903.

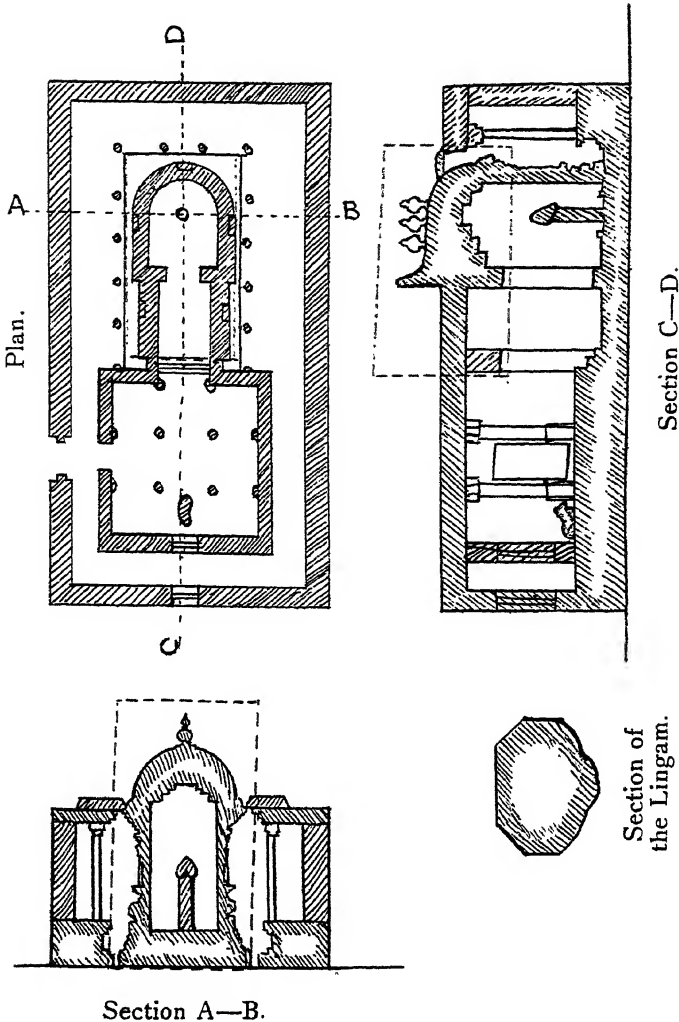
² The *gajapriṣṭhākṛiti-vimāna* is found only in Śaiva temples; e.g., the Dharmēśvara temple at Maṇimaṅgalam, the Śaiva temples at Śōmaṅgalam, Peṇṇagaram, Bhāradvājāsrama near Arcot, Tiruppulivanam, Konnūr (near Madras), Vāḍa Tirumullaivāyil, etc., etc. I have not come across any Vaishṇava temple having this kind of *vimāna*.

The Lingam.



The Parasuramesvara temple : Gudimallam.

Plan and Sections.



Southern India, and from its sculpture, it may be set down at the latest to about the second or the third century A.D.³ The plate shows the front view of it.

Of the five inscriptions under notice, one was discovered by Mr. Venkayya and the four others by me. The stones on which are the four latter inscriptions, were lying scattered about the precincts of the Paraśurāmśvara temple. One of the slabs, that bearing on it the inscription B., was broken into six pieces: they were found after much search, and were put together, and the inscription was thus recovered.⁴

The inscriptions are in general in an excellent state of preservation; but the stone bearing A. is broken lengthwise, and the first few letters of each of the lines are lost; but it is easy to supply them from the context. Also, the slab on which E. is engraved is broken on the right side, on account of which the last few letters of the first eight lines and the first letters of a portion of the inscription on the back of it are lost; in this record, the subject-matter cannot be made out, but the regnal year and the name of the king in whose reign the document is dated are easily read.

As regards orthography, the records present very few peculiarities to which attention might be drawn. What little is worth noting, is given in the introductory remarks to each record.

These inscriptions are of great importance in fixing the exact periods of the Bāṇa kings, to whose reigns they belong. The records A. and B. are dated Śaka 820 and 827 respectively, and refer themselves to the reign of Vijayāditya, a son, according to A., of Bāṇa-Vidyādhara, and his wife Māraka[nim]maḍigaḷ. Another Vijayāditya-Mahāvali-Vāṇarāyar is mentioned in E. as the contemporary of Viśaiya-Dantivikramavarman, in the 49th year of whose reign the record is dated.

In C., mention is made of Vāṇa-Vidyādhara, the Bāṇa, who ruled under Nṛpatuṅga, and the record is dated the 24th year of the reign of the latter. The inscription D. belongs to the 23rd year of the reign of Nandippōttaraśar, whose contemporary was Vikramāditya-Mahāvali-Vāṇarāyar.

From the Udayēndiram grant of the Bāṇa king Vikramāditya II, we obtain the following genealogy of the Bāṇa kings⁵ :—

1. Jayanandivarman

(He ruled the western portion of the Vaḍugavaḷi country.)

2. Vijayāditya I

3. Malladēva or Jagadēkamalla

4. Bāṇavidyādhara

5. Prabhumēru

6. Vikramāditya I

7. Vijayāditya II,
alias Puḡaḷvippavargaṇḷa

8. Vijayabāhu-Vikramāditya II, a friend of Kṛishṇarāja II of the Rāshṭrakūṭa dynasty.

³ Compare this image with the picture of the Yaksha given on p. 36 of Grünwedel's *Buddhist Art in India* as translated by Gibson and Burgess. The face, the ear and the ear-ornaments, the arms and the ornaments on them, the necklace and its design, the arrangement of drapery, particularly the big folds that descend between the legs, all these are identically the same in both the image of Śiva reproduced here and the Yaksha already mentioned.

⁴ Four of these are now set up in front of the entrance of the temple and that on which our inscription B. is engraved, is left in the safe custody of the village officer.

⁵ *Ep. Ind.*, Vol. III, p. 75.

From this genealogy we learn that Vikramāditya II, *alias* Vijayabāhu, who was a friend of the Rāshtrakūṭa king Kṛishṇa II, who reigned A.D. 888-911, must have ruled in the last decades of the ninth century A.D. Therefore the Vijayāditya mentioned in our inscriptions A. and C., whose dates are given as S 820 and 827 (A.D. 898 and 905), must necessarily be later than Vikramāditya II; and, since he comes immediately after Vikramāditya in point of time, he should be the successor of Vikramāditya II. From A. we learn that the father of this Vijayāditya was a Bāṇavidyādhara. Hence the latter, preceding Vijayāditya, as he must have done, may be identical with Vikramāditya II. If this identification is correct, we have to infer that Vikramāditya II must have borne the surname Bāṇavidyādhara.

From an inscription at Maṇigaṭṭa Gollahalli in the Kōlār District, Mysore, we learn that a Bejeyitta-Bāṇarasa was reigning in Śaka 831=A.D. 909-10.⁶ And from the fact that the period in which that ruler lived agrees with that of the Vijayāditya of our inscriptions A. and B., there is no difficulty in taking the three records as referring to one and the same individual. The Bāṇa king bearing the name, Bāṇavidyādhara mentioned in C., who is described as a contemporary of Nṛipatuṅga, must also be the same as the one referred to in A. But A. states that this Bāṇavidyādhara's wife was named Mārakanimmaḍigaḷ: hence he must be different from the Bāṇa king of the same name, mentioned in the Tiruvallam inscriptions, whose wife was Kundavvai, a daughter of the Gaṅga king Pṛithvīpati I.⁷ The inference that the king mentioned in the Tiruvallam inscription must be different from him who figures in our A. and B., is borne out by the fact that the former lived about A.D. 814-77, the period assigned to Pṛithvīpati I, whereas, the inscriptions edited below show that the latter flourished about A.D. 898-905, that is, a generation or two after the latter.

In my paper on "Six Pallava Inscriptions,"⁸ I have shown (1) that the so-called Gaṅga-Pallavas are identical with the regular Pallavas; (2) that the names Dantivarman, Dantivarmamahārāja, Dantippōttaraśar and Vijaya-Dantivikramavarman refer to a single individual; similarly, the names Nandivarman, Nandippōttaraśar, Vijaya Nandivikramavarman indicate one and the same person; (3) that the kings Dantivarman, Nandivarman and Nṛipatuṅgavarman were grandfather, father and son, respectively; and (4) that their reigns must have extended approximately as follows:—

Dantivarman	...	...	...	...	...	A.D. 760 to 811.
Nandivarman	...	...	...	...	...	,, 811 to 873.
Nṛipatuṅgavarman	...	...	...	...	...	,, 873 to 899.

Then the 49th year of the reign of Dantivarman, given in E., must approximately be A.D. 809, a date which fits in very well for Vijayāditya, son-in-law of the Gaṅga Pṛithvīpati I, who ruled, as we have stated already, from A. D. 814 to 877. The contemporary of Nandivarman about the 23rd year of his reign, that is, A.D. about 824, according to D., was Vikramāditya. Since Vijayāditya, the contemporary of Dantivarman, the father lived so near in point of time to Vikramāditya, the contemporary of Nandippōttaraśar, the son, I feel inclined to take Vijayāditya as the father of Vikramāditya. But the Udayēndiran plates inform us that Prabhumēru was the name of the father of Vikramāditya; then it would follow that Prabhumēru was a *biruda* of Vijayāditya, the contemporary of Dantivarman.⁹ If all the identifications ventured above are correct, the genealogy of the Bāṇas and synchronisms of this with the other dynasties will be as follows:—

⁶ No. 99 of the Government Epigraphist's Collection for 1899: and *Ep. Carn.*, Vol. X, Mb. 229.

⁷ *S. I. I.*, Vol. II, Nos. 247 and 248.

⁸ To be published shortly.

⁹ No. 542 of the Government Epigraphist's Collection for 1903 bears out this conclusion. Therein the king is called Mahāvali Vāṇaraśar Vijayādityan Viruchūjāmaṇi Prabhumēru.

Table of Synchronisms of the S. Indian dynasties during A.D. 750 to 900.

Century.	Bakas.	Palavas.	Tashtrakṛtās.	Gaṅgas.	Chōḷas.
A.D. 750.	1. Jayanandivarman. | 2. Vijayāditya I.		Dantidurga II (A.D. 754).		
	3. Malla or Jagadekamalla. | 4. Bāṇavīdyādharā.	Dantivarman.	Gōvinda III (A.D. 782-814).	Sivamāra II (A.D. 805-810).	
	5. Prabhakaravarm [alias Vijayāditya II] ¹⁰				
A.D. 800.	6. Vikramāditya I [alias Bāṇavīdyādharā]; <i>mul.</i> Kun- davarra, daughter of Prihvi- pati I. ¹¹	Nandivarman.	Amoghavarsha I (A.D. 814-876).	Prihvitpati I.	
	7. Vijayāditya III.	Nripatūṅgavarman.		Mārasimha I.	
	8. Vijayabāhu Vikramā- ditya II [alias Bāṇa Vidyā- dharā, <i>mul.</i> Māraka- nimmarūṅga].		Krishna II (A.D. 888-911).	Prihvitpati II.	
A.D. 900.	9. Vijayāditya IV.				Āditya I. | Parantaka I (A.D. 907-947).

¹⁰ Those in square brackets indicate the identifications proposed in the paper.

¹¹ S. I. I.; Vol. II. Kishore in his "Synchronistic Table for S. India" (*Ipp. Ind.*, Vol. VIII) takes Vikramāditya I, as the contemporary of Nripatūṅga, which does not agree with the facts noticed in this paper. [For a different view, see Rao's *Mysores and Coorg from the Inscriptions*, p. 19—D. B. B.]

If, according to the identification arrived at in the preceding paragraphs, Prabhumēru should be assumed to have borne the name Vijayāditya, he would become the second of that name; for, the first Vijayāditya was the son of Jayanandivarman. Then, the third Vijayāditya would be he, who has hitherto been known as the second; and the fourth and last Vijayāditya would be the son of Vikramāditya II, *alias* Bāṇavidyādhara.

The last known date of Vijayāditya IV is Śaka 831 (A.D. 909).¹² In the 9th year of the reign of Parāntaka-Chōḷa I, he vanquished two Bāṇas and presented their kingdom to the Gaṅga Prithivīpati II.¹³ This conquest by Parāntaka must have taken place sometime before A.D. 916, the 9th year of his reign. Since the last known date, A.D. 909, for the Bāṇa Vijayāditya IV, is so near A.D. 915, he must be one of the two Bāṇas deposed by Parāntaka I.

A study of the foregoing table enables us to note that, in the majority of the cases, the names Vijayāditya, Mahāvali-Vāṇarāya, and Bāṇavidyādhara were borne alternately by the Bāṇa kings: for example, Nos. 2, 5, 7 and 9 are Vijayādityas, while Nos. 4, 6 and 8 are Bāṇavidyādhars. Of the three Bāṇavidyādhars, two are Vikramādityas.

A.—Of the time of Vijayāditya-Mahāvali-Vāṇarāya : dated Śaka 820.

This inscription is engraved on three sides of a stone lying in the yard in front of the Paraśūrāmēśvara temple. The stone is broken lengthwise on the proper right side, and hence the first few letters of each of the lines are lost; from the context these can be easily supplied. The front of the stone, and the side, are smooth, whereas the back is very rough; consequently, that portion of the inscription that is engraved on the back is partly illegible.

The characters are Tamil, except the Bāṇa introduction in Sāṅskṛit giving the name, etc., of the Bāṇa king, which is written in the Grantha alphabet. Other Sāṅskṛit words occurring in the inscription are also in Grantha: *e.g.*, *paraśūrāmēśvara*, *prithivīrājyam*, *sandhyā* and *sabhai*. The language of the record is also Tamil.

The inscription mentions first the Bāṇa king, Bāṇavidyādhara and his wife Mārakanimmaḍigaḷ. Their son Vijayāditya-Mahāvali-Vāṇarāya is next introduced. The record is dated Śaka 820, in the reign of this Vijayāditya. Mārakanimmaḍigaḷ, the mother of the ruling king, paid to the assembly of Tiruvippiramaṇḍu a sum of money, from the interest of which they were bound to supply the necessaries for the evening offerings and for burning a perpetual lamp before the god Paraśūrāmēśvara.

The place Tiruvippiramaṇḍu, mentioned in the inscription, may be identified with the modern Yerpedu, a station on the Pakala-Gudur section of the Madras Railway. It is about five miles east of Guḍimallam, and seems to have included in ancient times the present Guḍimallam in which at present the temple is situated.

Text.¹⁴

Front of the slab—

1. [Sva]sti Śrī [||*] Śaka-
2. [la-ja]gatray-ā-
3. [bhivandi]ta-surāsu-
4. [rādhi]śa-Paramēśva-
5. [ra-pra]ti-hārikṛiti-Ma-
6. [hāba]li-kul-ōtbha-
7. [va-śrī]-Vāṇavi-
8. [dyādha]rar Mahādēvi-
9. [ga]lāyina Māraka-
10. [nim]maḍigaḷ maganā-

¹² See note 6, on p. 106, above.

¹³ *S. I. I.*, Vol. II, pp. 357 to 388.

¹⁴ From impressions prepared by me.

11. [r Vija]yāditta-Mahā-
12. [vali]-Vāṇarāyar prithi-
13. [vi-rā]jyañ=jeyya [!]*]Sa-
14. [gara]y=āṇḍṇ eṇ-
15. [ṇū]ṇṇ=irubad=āvadṇ
16. [Tiru]vippiramapēṭ[ṭu]
17. [śrī]-Paraśurāmīśvaragara-
18. [t]tu=pperumāṇḍi[ga]-
19. [ḷu]kku sa[nḍhyā] kālattu

Side of the slab—

20. [tiru]vamudukkum nandā-vijakku oṇṇukkum=āga=kkuḍutta śemboṇ
21. muppadiṇ-kalañju [!]*] Ippoṇ Mādēvi aḍigaḷ pakkal ivvūr sa-
22. bh[ai]yon-konḍu ippomṇukku=ppoli ūṭṭāga tiruvamudukku niśadam i-

Back of the slab—

23. dañ=je[ḷu]ttu-
24. [vō]m=āṇḍōm sabhai-
25. [yō]m
26.
27. . ṇḍu śelutta-
28. . maṭṭi=kkuḍut-
29. [tom] sabhaiyōm=a-
30. ṇṇ=eṇṇōm Ga-
31. [ṇ]gai iḍai=kkuma-
32. [ri]ḍai=chcheydā[r śe]-
33. yda pāvattu=ppa
34. [ḍu]vār=āṇār [!]*].

Translation.

Hail! Prosperity! While Vijayāditya-Māhāvali-Vāṇarāyar, son of Mārakanimmaḍigaḷ who was the great queen of the glorious Vāṇavidyādhara,—born from the family of Mahābali, who had been made the door-keepers of Paramēśvara (Śiva), the lord of gods and demons, who is worshipped in all the three worlds,—was ruling the earth: in the Śaka year eight hundred and twenty, a gift of thirty *Kalañjus* of gold was made by the Mādēvi-aḍigaḷ for offerings in the evening and for one perpetual lamp to the Lord of Śrī-Paraśurāmēśvaragaram of Tiruvippiramapēḍu.

(Line 22.) We, the assembly of this town shall receive the gold from the great queen (and) as interest on this gold, we, the assembly shall have to pay daily for offerings

(The rest of the inscription, being fragmentary, is left untranslated.)

B.—Of the Time of Vijayāditta-Vāṇarāya: dated Śaka 827.

The slab of stone on which the subjoined inscription is engraved is, as already stated, broken into six pieces. But the inscription is not thereby much damaged; only a few letters are lost here and there. The record is otherwise in a very good state of preservation. The alphabet of the inscription is Tamil, but Sānskrīṭ words are written in Grantha; e. g., *Vijayāditta Vāṇarāyar prithvirāyāyam* in lines 3 and 4, and *sabhai* in lines 7 and 21. The letter *śi*, occurring in the word *kalañji* in line 14, is corrected from *śu*.

The inscription belongs to the reign of the Bāṇa king Vijayāditya, and is dated Śaka 8[2]7 that is, seven years after the first record (A. above). It states that an *adhikārin* named Vīramāngalaṇ-giḷār gave to the Sabhā of Tiruvippiramapēḍu, twenty *kalañjus* of gold, from

the interest of which they agreed to burn a perpetual lamp before the god Paraśurāmēśvaragaram. The rate of interest per annum per *kaḷañju* of *poṇ* was four *mañjādis*; and so the total interest on the twenty *kaḷañjus* amounted to four *kaḷañjus*; this comes to twenty per cent. *per annum*, a rather heavy rate of interest. The buying capacity of a *poṇ* may be judged from the fact that 45 *nālis* of ghee could be obtained for a *kaḷañju* of *poṇ*. So, then, four *kaḷañjus* represent 180 *nālis* which, at the rate of half a *nāli* per day for burning a lamp, would last for the whole year.

Tiruvirpiramapēḍu is said to belong to the Silaināḍu of the Tiruvēṅgaḍakkōṭṭam.

Text.¹⁵

1. Svastī Śrī[11*] 'Sa[gara]yāṇ-
2. ḍu 8[2]7 [āva]ḍu Vī-
3. jayāditta-Vā[ṇa]rāya-
4. [r] prithvī-rājyañ=jeyya=
5. t Tiruvēṅgaḍa=kkōṭṭattu=ch Chilai-
6. nāṭṭu-t Tiruvirpiramapēṭṭu-
7. [sabhaiyō]m [Adi]k[ā]ri Vīramaṅga-
8. laṅgi[lār va]ḷi pakkal¹⁶ eṅgaḷ=ūrp-
9. Paraśur[āmē]śvaragarattu-ppirāṇārkkū=
10. chchandirāditta-gata[m] na[ndā]viḷak-
11. [ke]rip[pa]ḍarku koṇḍa poṇ
12. ¹⁷[ip]poṇ mudal irubadiṇ-kaḷa-
13. [ñ]jīṇāl-(l)āṇḍuvarai [nā]lu mañjā-
14. ḍi=ppaliśaiyār=poṇ [n]ārkaḷañji
15. ṇār=kaḷañjukku nā[rpatt]ai(y)nnāḷi-
16. ppaḍi nūṇṇ=ēṇbadi[ṇā]ḷi neyyāl
17. nīśadi uri(y)ney koṇḍu nandā-
18. viḷakku muṭṭāmai erippōm=āṇōm[11*]
19. muṭṭiṇ=kaṅgaiyiḍai=kkumari iḍaiçche-
20. ydār śeyda p[ā*]vam pa[ḍu]vōm=āṇō-
21. m Sabhaiyōm

Translation.

Hail! Prosperity! In the Saka year 8[2]7, while Vijayāditta-Vāṇarāyar is ruling the earth, we, the assembly of Tiruvirpiramapēḍu in the Silaināḍu, (a sub-division) of the Tiruvēṅgaḍakkōṭṭam, have received 20 *K*¹⁸ of gold from the *adhikārīn*, Vīramaṅgalaṅgiḷār, for burning a perpetual lamp as long as the moon and sun endure, before the Lord of Paraśurāmēśvaragaram of our town.

(Line 12.) With this capital of 20 *kaḷañjus* of gold, (*the aggregate interest accruing*) at the end of a year, at an interest of four *mañjādis* on (each *kaḷañju* of gold), is four *kaḷañjus* of gold; from these (four *kaḷañjus*), one hundred and eighty *nālis* (of ghee) (*being realised*) at the rate of forty-five *nālis* per *kaḷañju*, we bind ourselves to burn, without failure, a perpetual lamp, (*feeding it*) with ghee at the rate of *uri per diem*.

(Line 19.) If we, the assembly, should fail (*to fulfil the contract*), we shall incur all the sins committed between the (*River*) Gaṅgā and (*Cape*) Kumāri.

¹⁵ From impressions prepared by me.

¹⁶ Either *vaḷi* or *pakkal* alone would do; both of them mean the same thing and hence one is redundant.

¹⁷ There must be the figure twenty followed by a symbol for *kaḷañju*. It is broken in the original.

¹⁸ The symbol for *kaḷañju* in the original is represented here with *K*.

C.—Of the time of Vāṇavijjādhara-Mahāvali-Vāṇarāya :
dated in the 24th year of Nṛipatuṅga.

This inscription is engraved on the four faces of a slab of stone, the left half of the upper portion of which is broken and lost. Therefore the last few letters of each line of the upper half of one of the sides, and the first few letters of each line of the upper half of the back, are lost. But the inscription can be made out easily as far as line 17, after which the reading becomes fragmentary. Hence that portion of the inscription beyond line 17 has been omitted in the transcript and translation.

Excepting the Bāṇa introduction beginning with *sakala-jagatrayā*^o and the few Sāṅskṛit words that occur here and there, the alphabet of the inscription is Tamil. The Sāṅskṛit Bāṇa introduction and the words *prithvīrājyam*, *sabhai*, and *dharmma*^o are in the Grantha characters. The language of the record is Tamil.

The inscription seems to make some provision for feeding Brāhmaṇas, and is dated the twenty-fourth year of the reign of Nṛipatuṅga. His feudatory, Vāṇa-Vijjādhara-Mahāvali-Vāṇarāya is represented as ruling over the western portion of the Vaḍugavaḷi.

Text.¹⁹

Front of the slab—

1. Sva[sti śrī][[*]
2. Nṛi[patuṅ]-
3. gaṛku [yāṇ]-
4. ḍu iruba[ttunā]-
5. lāvadu [[*] [Sakala]-
6. jagattrā[y-ābhi]-
7. vandita-[surāsura]-
8. dhīsa-Paramē[śva]-
9. ra-pratihārikṛita-
10. śrī-Mahābali-
11. kul-ōtṭbhava-
12. śrī-Vāṇavi-
13. jīdhara-Mabā-
14. bali-Vāṇa-
15. rāyar Vaḍuga-

Side of the slab—

16. valiṇ mēṛku prithvī-rājyaṅ=jeyya=t-Tiruvēṅgaḍa=k-
17. kōṭṭattu=chChilaināṭṭu=t-Tiruvīr(p)piramapēṭṭu sabhai. . . .

Translation.

Hail ! Prosperity ! The twenty-fourth year (of the reign) of Nṛipatuṅga (being current) :—

(Line 5.) (The translation of this passage is the same as of lines 1-7 of A).

(Line 12.) When Śrī-Vāṇavijjādhara-Mahāvali-Vāṇarāya was ruling the western portion of the Vaḍugavaḷi (country), the assembly of Tiruvīr(p)piramapēḍu, belonging to the Silaināḍu, (a subdivision) of the Tiruvēṅgaḍakkōṭṭam.

D.—Of the time of Vikkiramāditta-Māvali-Vāṇarāya :
dated in the 23rd year of Nandipōttaraiya.

This inscription is engraved on the front and down the side of a slab of stone, and is in an excellent state of preservation. The language and the alphabet of the inscription is, with but a few exceptions, Tamil. The words *prithvīrājyam*, *Agnīśarmman*, *śrāvaṇai*, *paraśurāmēśvarattu*, *mahādēvar*,

¹⁹ From impression prepared by me.

and *sabhai* are written in the Grantha characters. In line 25, the phrase *śekkuḷḷaṇaḷēlām* is a mistake for *śekkuḷḷaṇaḷēlām*. The letter *ṛā* in *mūṇṛāvadū* in line 4 has a separate secondary *ā* symbol.

The record belongs to the reign of the Bāṇa prince, Vikramāditya-Mahāvali-Vāṇarāyar,²⁰ and is dated in the twenty-third year of the reign of his overlord Nandippōttaraśar. The Bāṇa prince is represented in this inscription, also, as ruling over the Vaḍugavaḷi-mēṛku.

Agniśarmman, one of the members of the *gaṇa* (assembly?), sold a plot of land called Vēppambōḷ-ppāl, and Muḷḷirkiḷār purchased it and gave it to the Paraśurāmēśvara temple for burning a perpetual lamp before the god of that temple. The *Sabhā* ordered that thenceforth all oil-mills in the town should be placed on this piece of land, and their owners should be obliged to supply a certain quantity of oil per mill.

Text,²¹

Front of the slab—

1. Svasti Śrī [||*] Nandi-
2. ppōttaraiyark-
3. ku yāṇḍu iru-
4. battu-mūṇṛā-
5. vadu Vikkiramā-
6. ditta-Māvali-
7. Vāṇarāyar Vaḍu-
8. gavaḷi-mēṛku
9. prithvirāṇḍyaṇ-
10. jeya : Tiruvipira-
11. mapēḍ-āḷuṇ-gaṇa-
12. ttāruḷ Muḷḷir=kiḷ[ā]-
13. r Vēppambōḷ-
14. ppāl ivvūr=āḷu-
15. ṇ-gaṇattāruḷ Ku-
16. laippanūr=kka-
17. ṇiyar Agniśa[r*]mma-
18. ṇ vilai śrāvaṇai²²-
19. yāl virṇu-koṇ-
20. ḍu ivvūr Paraśu-
21. r[ā*] miśvarattu Ma[hādē]-
22. varkku tiruviḷak-
23. ku neyppuṇam²³=[ā]-
24. ga kuḍuttār [||*]

Side of the slab—

25. ivvūr sabhaiyō(m)mum innilattē ivvūr=chchekkuḷḷaṇaḷēlām²⁴
26. naṭṭa=ttiruviḷakkukkē(y)vāyēṇṇai koḷvadāga=ppanittōm [||*].

²⁰ An inscription belonging to the Śrinivāsapūr tāluka of the Kōlār District, *Ep. Carn.*, Vol. X, Sp. 6, calls Vikramāditya, Jayamēru and Bāṇaviyādhara. Compare also No. 539 of the Government Epigraphist's collection for the year 1906.

²¹ From impression prepared by me.

²² The word *Śrāvaṇai* occurs in one of the early Pāṇḍya inscriptions found at Mānūr, which will be published shortly.

²³ The term *puṇam* occurs in such phrases as *uṇṇāṭigai puṇam*, *śāḷaippuṇam*, *aḍukkalaiippuṇam*, &c., in all of which cases it means 'for meeting the expenses of so and so.'

²⁴ Read *śekkuḷḷaṇaḷēlām*.

Translation.

Hail! Prosperity! In the twenty-third year (*of the reign*) of Nandippōttarnaiyar, while Vikkiramāditta-Māvali-Vāṇarāya was ruling over the western portion of Vaḍugavaḷi, Muḷliṇkiḷār, a member of the Corporation of Tiruvipiramaḷēḍu, having purchased by a sale-deed (*the plot of land known as*) Vēppambōḷ-ppāl from Aguiśarman of Kuḷaiḷppaṇūr, a member of the assembly (?) ruling this town, made a gift (*of it*) to the (*god*) Mahādeva of the Paraśurāmēśvaram (*temple*) of this town for (*the supply of*) oil (*required for burning*) a lamp.

Also, we, the assembly of this town, ordered that all the oil-mills existing in this village shall (*henceforth*) be set up on this land, and a portion of the oil (*compressed in them*) shall be obtained for the lamp.

E.—Of the time of Vijayāditta-Mahāvali-Vāṇarāya: dated in the 49th year of Viśaiya-Dantivikkiramaparuma.

This inscription is engraved on one face and down one side of a slab of stone set up near the well in the compound of the Paraśurāmēśvara temple, and is finely preserved. The body of the inscription is written in the Tamil alphabet and language; but the Sāṅskṛit words, *svasti śrī*, *Danti*²³, *Vijayāditta-Mahāvali*, *prithvī-rājyam*, *bhōgam*, *iddharmañchandrāditya-gatam*, *idharman*, and *āśvamēdham* are in the Grantha alphabet.

The record belongs to the 49th year of the reign of Viśaiya-Dantivikkiramaparumar, when Vijayāditta-Mahāvali-Vāṇarāya was ruling over the Bāṇa country. The object of the inscription is to record that Ayyappōṟṟi *alias* Kaḷiyamaṅgalaṅ-giḷār set apart a piece of land for deepening the tank known as Veḷḷēri, which was situated in Tiruvippiramaḷēḍu. This is the first record I have come across in which the title *pōṟṟi* occurs. This title is at present used exclusively by the Tuḷuva Brāhmaṇas and a class of the Nambūdri Brāhmaṇas in the west coast.

Text.²³

Front of the slab—

1. [Sva]sti Śrī [||²³] Kō-vi-
2. ś[ai]ya—Dantivikki-
3. [ra]ma—parumaṅku y[ā]-
4. ṇḍu nārpaṭṭ [o]-
5. ṇbadāvaḍu [Vi]-
6. jayāditta—Ma-
7. hāvali-Vā[ṇa]-
8. rāyar prithivī-r[ā]-
9. jyañ=jeyya [||²³] Ti-
10. ruvippiramaḷē-
11. ḍ=āḷuṅ=gaṇat-
12. tāruḷ Kaḷiyama-
13. ṅgalaṅ=giḷār
14. Ayyappō[r]-
15. ṇiyēṇ [||²³] eṅga-
16. ḷ Tumbaṇēri

²³ From impressions prepared by me.

17. uḷḷai Nandi-ku-
18. ṇḍil=āṇa śe[ru]²⁴
19. ivvūr Ve]-
20. ḷ[ē]ri(y)kku [ē]-
21. ričcheruv=āga
22. vaittēṇ [ḷ*] i-
23. dir-bhōga[ū]-
24. goṇḍu iv-

Side of the slab—

25. V[ē]ḷḷē-
26. riṇḷē
27. kuḷi kut-
28. ti aṭṭu-
29. vadāga
30. vaittē-
31. [ṇ i]ddha-
32. [r]mmañcha-
33. ndrādi-
34. tya-gata-
35. ṇjel-
36. vadāy-
37. ttu [ḷ*] i-
38. ddharmmañje-
39. lutti-
40. ṇāṇai
41. aśvamē-
42. dhañjey-
43. da palāṇ
44. peruvā-
45. r[ḷ*]

Translation.

Hail! Prosperity! (In) the forty-ninth year of (*the reign of*) the king Viśaiya-Dantivikkīra-maparumar, (*while*) Vijayāditta-Mahāvali-Vāṇarāyar was ruling the earth, I, Ayyappōrri, *alias* Kaḷiyamaṅgalaṅ-gilār, one of the *Gaṇas* ruling Tiruvippiramaṇḍu, set apart the plot of land named Nandikuṇḍil situated in the bed of our Tūmbaṇḍi, as the *ēričchēru* (*i.e.*, land allotted for doing something to a *ēri*, a lake) for the Veḷḷēri (*lake*) of this village. I assigned this for deepening the Veḷḷēri (*lake*) with the produce obtained from this (*cheru*). This charity shall endure as long as the moon and sun last. Those who forward the cause of this charity shall acquire the merit of having performed an *aśvamēdha* (sacrifice).

²⁴ This word literally means a plot of land. Regarding the usage of this, Nachchinārkkiniyār, the eminent Tamil commentator, says that it is used by the people of Aruvāṇḍu in the place of *śey* (the same as occurs in *nañjey*, *puñjey*, &c.).

SONGS FROM NORTHERN INDIA

BY

WILLIAM CROOKE (LATE I.C.S.).

Echoes of Modern History.

No. I.

A Ballad of Bharatpûr.

(Unfinished.)

*Sung by Bâl Krishna Sikh of Chandrâpûr, District Agrâ.**Recorded by Jaidayâl Chaube of the same village.*

Text.

- Ek din kâ zikra azûd,
 Kalam, dawât, kaghâz maujûd,
 Usî din kuchh aisî samâi :—
 ‘Musallah hoke kar do Bharatpûr par chaṛhât.’
- 5 Kalkattâ meñ baiṭhkar, kiya maskut, bhâi.
 Sab Angrezôn ne milkar ek arzî banâi.
 Lekar arzî ke taiñ nâw meñ dâlâ.
 Jab kishtî lagî pār, arzî ko nikâlâ,
 Jise Kampinî kahte the paṛh paṛh ke sunâyâ.
- 10 Lât Gavarnar ne sunke bahut sarâhâ.
 Us arzî par hukm huâ au parwâne;
 Au râh samandar ke kiya us ko rawâne.
 Harkârah jo us pār se Kalkatte ko âyâ;
 Phir hukm sunâi o kitâboñ meñ chhapwayâ.
- 15 Sâhab ne jald Subâdâr pukârâ :—
 “Hukm Kampinî kâ suno âyâ hai, pyarâ.”
 Nâyak aur hawaldâr dâhne se bulâyâ;
 Aur bâen taraf paltan jangî kô jamâyâ.
 Sâhab ne kahâ kartê hain :—
 “Chaṛhane Bharatpûr kî tâyârî;
- 20 Yâ lete hain us qilâ ko, yâ maut hamârî.”
 Sun sunke sab kahne lage dil meñ sipâhi :—
 “Sûrat nahîn kahîn bachne kî âtî hai, bhâi.
 Mar marke au lar larke qilâ kis ko milâ hai?
 Yah sab se zabardast Bharatpûr kâ qilâ hai.”
- 25 Antâ-gurḡur ne kiya pahle chaṛhât;
 Jân se jâtâ rahâ par qasm na pâi.
 Na mâlum wah kis taur se pahunchâ thâ qile pai;
 Golandâz ne phir top ko tayyâr kiya;
 Bharatpûr ke gole se use turt urâyâ.
- 30 Kitnoñ ne us kâ patâ diyâ, phir khoj na pâyâ;
 Dar dar gaye sab dil meñ pai muñh se na batâya.
 “Wallâh, in larâtyoñ meñ to ham logoñ kâ ghar hai;
 Phir Bharatpûr chaṛhane meñ bhalâ kaunsâ dar hai?”
 Mugdar bhî bilâte au lejim ke jhaṛâke;
- 35 Sunte hi hukm jî meñ hogai saṛâke.

- Khâte the khorâkên aur bâthî se pâthe ;
 Sunte hî yah hukm un ke chutar phâte.
 Kushtiyân bhî lartê au khelte the bhî akhâre.
 Un logôn kî thotiyôn meîn to ho gaye jhâre.
- 40 Sâhab ne kahâ :—" Le chalo Chhâwani Mathurâ ko, bhâî."
 Ghabrâîn haiñ dil un ke aur phir ho jâwain thekane.
 Lashkar meñ ukhare tanbu aur kanâtaiñ ;
 Phir babut se sipâhiyôn kî lagî chhipne kî ghâtaiñ.
 Sâhab ne kahâ :—" Ab to subah kûnch kî thaharî."
- 45 Phir rone lagîñ sipâhiyôn kî larî au mehrî :—
 " Ab ki to mere chundarî kî âyas goiyân.
 Jaldi se kab laut ghar awainge saniyân ? "
 Ab din râť chali phauj kahîñ thaharane na pâî.
 Jáke Môti Jhil par jat hâlť karâye.
- 50 Râjâ ne jo charhke qilâ apne se dekhâ ;
 " Yah kaisî parî phauj? Kuchh bhîr kâ na lekâ.
 Maiñ jântâ huñ, hây, Firangî charh âye."
 Râjâ ne sab apne gollandâz bulâe :—
 " Kyâ dekhto ho mâr chalo."
- 55 Is phauj Firangî par paraiñ pânchsau gole ;
 " Mat ghat gai sâhab kî jo karî hâm pai charhâî.
 Aqal uth gayâ Hindostân se, kuchh nestî âî.
 Jab topaiñ nawâsî kî pakar charkhî marorôn ;
 Phir gore Firangî ko kabîñ ek na chhorôn.
- 60 Goloñ ke chalne se jo ek bûrgî bhuchâl machaigâ ;
 Phir gorâ Firangî koi sâbit na bachaigâ.
 Goli ke danâdan se jab maiñ mâr karuñgâ ;
 Kalkatta tak mâr dhûñ dhâr karuñga.
 Sâhab se kaho, hat parai, Kalkatta ko jawai.
- 65 Âgar barson larâî tau bhî qilâ hath na âwai.
 Sâhab se kahô hatkê kar le kûnch sabera.
 Is meñ bhî kuchh khair hai? kyâ mant ne gherâ."
 Sâhab ne kahâ " Hamâre kampu meñ haiñ barrai ke chhatê ;
 Ham mârke kar dewaingê dô gharî meñ latte."
- 70 Tab chaluê lagâ donoñ taraf golê pai golâ.
 Tab jáke Jawâhir jô wahîñ jhatpat bolâ :—
 " Gham khâo zarâ is meñ : bigartâ nahîñ apnâ.
 Is râť meñ diyâ mujhe Baldeonî sapnâ ;"
 Râjâ nê kabâ : " hat, be Jawâhir, mal bharnê ;
- 75 Baldeonî nahîñ liye phêtê meñ, bharnê.
 Mar jây, Jawâhir mal, yâh terâ sakâ.
 Ap Firangî meñ milâ, mujhe bâtoñ meñ râkhâ.
 Sab bâti kâ tu bhediyâ, karai hâm se chorî."
 Darwâzâh ko jo tôp thîñ, wah chauk ko pherîñ.
- 80 Itne meñ phir chalne lagâ topoñ se golâ ;
 Phir qilâ Bharatpûr kâ yon pât sâ dolâ.
 Thandhâ huâ golâ na kuchh harkat lâyâ.
 Râjâ bhî hansâ khûb aur fauj hansâyâ.
 Râjâ nê kahâ : " bāt sunô, fauj sipâhî.

- 85 Is Lât kâ sar kât, pherô Jât dohât."
 Faujoñ ne kahâ :—" Yabhân se ham kabhi na hataingê.
 Tukre uṛ jāyan yahân tharhê katainge.
 Mar jāy chalai jîwâ, dûje bâr na mariyo.
 Jîwâ jaulôn rahâi cholâ meñ nâ—mardî nâ kariyo."
- 90 Itne meñ kyâ Sâhat ne phir qilâ par dhâwâ ;
 Phir we hî Pûrbiyâ kahain :—" Sâhab, hām na jâtâ.
 Gar honge qilâ meñ sau do sau sipâhî,
 Kahîn aisâ na ho, hām par paṛai qahar Ilâhî."
 Gar gar garrâ ki gar gar gar gar ;
- 95 Tan burchî de tân hâth chhâtî par dhar kar.
 Tan burchî tanbâr lagâ dhun se bachâni ;
 Au sur bîr lage, kalâ Nât eî dikhâne.
 Tab bahut sipâhî gire garmî kê bahâne ;
 Aur bahut sipâhî lage golî ko chalâne.
- 100 Sâhab ne santarî " wel ! tum na daraigâ ;
 Jo yahîn qazâ âi, to kyâ ham na maraigâ ?"
 Sab Angrezon ne jut put kar ek bôlî bôlî.
 Bandûqon meñ phir bhar gaî pânch chha golî.
 Dûsare Angrez ne ek bâṭ sunâi.
- 105 Jab goron ne bandûq bhar sangîn chahâi.
 Pahale talwâr chalî sheo kî bânkî ;
 Bahut sipahiyôn ke lagî maut kî tânkî.
 Phir jab ki Paṭnâon nê lai myân se naṅgî.
 Phir chauk meñ gherâ gaye gorê saṅgî.

Translation.

- On a day it happened,
 When pen, ink and paper were ready,
 On that day the English made some plan
 To equip themselves and attack Bharatpûr.
- 5 They held a meeting in Calcutta, my brothers,
 And all the English joined in making a petition.
 They took the petition and put it into a ship.
 When the ship reached, the petition was taken out,
 And it was read to those whom they call the Company¹.
- 10 The Lord Governor heard and praised it,
 Orders and letters were written on the petition,
 And were sent out by way of the sea.
 The messenger who came from the other side (England) went to Calcutta,
 Explained the orders and printed them in books (Government Gazette).
- 15 Then the (British) officer sent for the (Native, officer) :—

¹ Usually in the native mind this represents the King and Queen.

'Listen my friend, to the orders of the Company.'

He called the Corporal and the Sergeant from their quarters,

And collected the war battalion 'by the left.'

The (British) officer began to say :—"there is preparation for an advance on Bharatpûr.

20 Either I shall take the fort or I will die."

When they heard this, the sepoy began to say in their hearts :—

"There is no way of escaping from this, brothers.

Who could take this fort by slaying and fighting ?

This fort of Bharatpûr is the strongest of all."

25 Anta-gurgur² made the first attack.

He lost his life, but did not redeem his oath (get what he aimed at).

No one knows how he reached the fort.

The gunners then got the guns ready,

And blew him up quickly with the balls from Bharatpûr.

30 Many gave a clue to where he had been, but they found no trace of him.

All were frightened in their hearts, but did not say so with their tongues :—

"By God, our home is in this fighting ;

Why then should we fear greatly to attack Bharatpûr ? "

They were fond of swinging clubs and single-sticks ;

35 But on hearing the orders they were thrilled in their hearts.

They ate largely and looked like elephants,

But on hearing this order they became afraid.

They were wrestlers who fought in the wrestling-ground,

But they became terrified in their hearts.

40 Said the officer :—"let us go to Mathurâ Cantonment brothers."

Their hearts were troubled, and they began to march again.

The tents and marquees of the army were struck,

And many of the sepoy began to try and hide themselves.

Said the officer :—"We must now march in the morning."

45 Then the wives and daughters of the sepoy began to weep :—

"Now has departed the life of my married-garment.³

How can they come back quickly to live at home ? "

The army marched day and night and halted nowhere.

They stopped⁴ when they reached the Pearl lake.

50 The Râjâ went up into his fort and saw them.

"What sort of army has encamped ? There is no limit to the multitude.

I know, also, that the Europeans have attacked me."

The Râjâ called all his gunners :—

"What you see, kill."

55 Five hundred balls fell upon the European army.

"The (English) officer's reason is gone who attacked me.

Fortune has departed from Hindustân, and destruction has come.'

When I set my eighty-nine guns on wheels,

I will not leave a (white) Englishman any where.

² Native nickname for some English General.

³ The husband has departed.

⁴ Observe the English word "halt" in the text.

- 60 From the firing of the cannon will be a time of earthquake,
And no white Englishman will be saved whole.
When I constantly slay with my cannon,
I will raise the smoke of slaying to Calcutta.
Tell the commander to go back to Calcutta.
- 65 If he fights for years the fort will not come into his hands.
Tell the commander to commence the march back to-morrow morning.
He had better consider what kind of death encompasses him. ”
Replied the commander: “ In my camp there is wasting of life.
I will attack and reduce the fort in two hours.”
- 70 Then ball on ball began to fly on both sides.
Then went Jawâhir (to the Râjâ) and spake at once :—
“ Stop this for a little ; it will do no harm.
Last night Baldeonî (Bhawânî) sent me a dream.
Said the Râjâ :—Be off, Jawâhir, thou filthy blockhead.
- 75 Thou dost not carry Baldeonî on thy forehead, fool.
May thy power depart, thou filthy Jawâhir.
Thou hast joined the English and dost deceive me with words.
Thou knowest everything, and hidest it from me.”
The guns that were on the gate were turned on to the market.
- 80 Meanwhile they began to fire the guns again.
Then Bharatpûr Fort began to tremble like a leaf.
When the firing ceased there was relief.
The Râjâ laughed himself and made the army to laugh.
Said the Râjâ : “ Hear my words, O men of the army.
- 85 Cut off the head of this Lord (General) and bring about the supremacy of the Jâts.”
Said the army :—“ We will never retreat from this place.
Even if we be cut to pieces we will remain here at our posts.
If we die and lose our lives, we cannot die a second time.
As long as there's life in our bodies we shall not be unmanly.”
- 90 Meanwhile the (British) commander made another attack on the fort.
Then said the Pûrbiyâs :—“ Sir, we go not.
If there be in the fort one or two hundred sepoys,
Even if there be not, the wrath of God will fall on us.”
There was a noise of *gar, gar, garrâ, gar, gar, gar, gar* ⁵
- 95 The drummers beat their drums furiously.
The drummers beat the drums to cover their agitation.
And warriors began to show their skill, as a Nat shows his dancing.
Then many sepoys fell under pretence of the heat.
And many sepoys began to fire.
- 100 Then the (English) commander said to the sentry :—“ Well, ⁶ you are not afraid,
If death comes here, then shall I not die ? ”
Then all the English consulted and gave a signal,
And put five or six bullets into the guns.
Then the English gave another signal.

⁵ The noise of a kettle-drum.⁶ The English terms in the text are here very curious.

105 Then the white men fixed bayonets on their guns.

First there was a play of swords.

Many sepoys received fatal wounds.

Then when the Pathāns drew naked swords from their scabbards,

The white men in the market were filled with confusion.

No. 2.

A Song of Bharatpūr.

Sung by Tulsī Rām of Nakal, District Sahāranpūr.

Recorded by Yād Rām of the same village.

Text.

Harsukh to karai bayān : Bharatpūr to zahar hai.
 Unchā sā banā koṭ, wahān khandaq meñ nahār hai.
 Mārā to nahīn jī yagā wahān Thākur kī mehar hai.
 Tīn sau jawān mere niklaiñ haiñ jangī.
 Pachhattar jawanōñ kī jis meñ chhātī hai nangī.
 Tar tar toṭī wah to kulī banā leñ ;
 Do do Firangī ko pakar, sir ko bhirā deñ.
 Tamar Ghul ko karaiñ qaid, faujaiñ katā deñ ;
 Apne fatahuāme kā dankā bajā deñ.
 Bolo, " Haqqā Haqqā ;
 Phoroñ dharā dhakkā.
 Burhiyā ko do ṭakkā."
 " Bāsi to khātā hūñ nahīñ, tāzī pakāke lā ;
 Baigan kā sir pitā hai, kaddu meñ kyā wafā ? "

Translation.

Saith Harsukh : Bharatpūr is poison.
 The fort is lofty, and a stream is in the moat.
 It will not be taken : for God (Thākur) is merciful.
 My three-hundred warriors go out.
 Seventy five of the young men have bare breasts.
 Throwing off their caps they go in their locks.
 They seize two Europeans each and break their heads.
 They take Tamar Ghul⁷ prisoner and destroy the army.
 And noise abroad their song of victory.
 They shout, " God and my right :
 Break the drums :
 Give the old woman a penny."
 " I do not eat stale bread, bring me fresh."
 " The head of the egg-plant is broken, what's the good in (beating the head of) the pumpkin?"

⁷ An attempt at some European name.

No. 3.

The Taking of Lahore.

(1849)

*Sung by Gangā Singh of Chandrapur, District Agrā.**Recorded by Debi Das of the same village.*

Text.

Lāhor pai kīnh charhāi phauj sab, jwānoñ; kaisi parī hai larāi?

1

Idhar se āye jhār Pūrbiyā; udhar Sikh charhī āye.

Idhar sē āye sojar gorā; udhar se selar dhāye.

Lāhor pai kīnhān charhāi phauj sab, jwānoñ; kaisi parī hai larāi?

2

Burjan, burjan gorā charhī gaye; paltan dhāi hai sārī.

Panchwān Risālā ko dhāwā whai gāyo, Rājā kī topaiñ chhināi.

Lāhor pai kīnhān charhāi phauj sab, jwānoñ; kaisi parī hai larāi?

3

Lāt Sāhab or Rānī Sāhab Ohhawani Jālandhar kī pāi.

Lāhor pai kīnhān charhāi phauj sab, jwānoñ; kaisi parī hai larāi?

Translation.

All the army marched on Lahore, my boys; how went the fight?

1

From this side came the Pūrbiyā men: from that side came up the Sikhs.

From this side came the white soldiers⁸; from that side came the sailors.*All the army marched on Lahore, my boys; how went the fight?*

2

The white men climbed the towers, and all the regiments rushed up.

The Fifth Cavalry attacked and captured the guns of the Rājā.

All the army marched on Lahore, my boys; how went the fight?

3

The Lāt Sahib⁹ or the Rānī Sāhib¹⁰ came to Julandhar Cantonment.*All the army marched on Lahore, my boys; how went the fight?*

No. 4.

A Rising in Sahāranpur.

(1824)

*Sung by Tulsi Rām, Brāhman of Nakal, District Sahāranpur.**Recorded by Ramchandra Dās, Brāhman, of the same village.*

Text.

Bijai Singh Kunjē¹¹ larāi mat kariyē.

An bhī lejā, dhan bhī lejā, lejā bhatije ko sāth.

Bijai Singh, etc.

An bhī lejā, dhan bhī lejā, ban men khelō shikār.

Bijai Singh, etc.

Kalwā kā sāth chhōr, Bhūre kā sāth chhōr, din gaye tujhe marwāiwai.

Chalkar Bijai Singh Landhaure āye, karai chachchī se jawāb.

Bijai Singh Kunjā: "sau sawār diye, re chachchī, dekhōn Angrezon ke hāth."

*Bijai Singh, etc.*⁸ Observe the English words in the text.¹⁰ Rānī Jindān, the mother of Dulp Singh.⁹ i.e., the Governor-General or the Commander of the Army.¹¹ Kunja, a village in the Burki Tahsil.

"An bhî lejâ, betâ, dhan bhî lejâ, betâ, ghar baithâ chain bhî urâwâ."

Bijai Singh, etc.

Gangâ pār kâ Kunwar jô Gujar, jis ne diyâ hai sath.

Bijai Singh, etc.

Shor sâhab jô charkkar, âye dânkû sab marwâye.

Bijai Singh, etc.

Torâ Pâlî ne karî bahadurî, khub bajâi talwâr.

Bijai Singh, etc.

Translation.

*Bijai Singh, don't fight at Kunja.*¹²

Take corn, take money, and take your nephew with you.

Bijai Singh, etc.

Take corn, take money, and go hunting in the forest.

Bijai Singh, etc.

Take Kalwâ with you, take Bhûrâ with you ; at the end of the day you will be killed.

Bijai Singh went to Landhaurâ and spoke with his aunt.

Bijai Singh of Kunjâ (said) :—"O aunt, give me a hundred horsemen that I may show the English."

Bijai Singh, etc.

"Take corn, my son, take money, my son, and pass your days quietly at home."

Bijai Singh, etc.

The Gûjar Prince lived beyond the Ganges, and took (Bijai Singh) with him.

Bijai Singh, etc.

Mr. Shaw came up and killed all (the party of) the dacoits (rebels).

Bijai Singh, etc.

Torâ Pâlî did brave things and well wielded his sword.

Bijai Singh, etc.

No. 5.

The Famine in Sahâranpur.

St. 1934 (A. D. 1877).

Recorded by a Schoolmaster of the District.

Text.

Kârûnâ nidhî Dîn-dayâl, karo jîṇ barkhâ kî tâlî !

Aisâ kyâ achet Indra alî parjâ ke wâlî.

Kûân, tâl aur nadiyân sukhiân, au sukhi gâin sab pattî dâlî.

Ek bûnd nahîṇ parai ghatâ jhuk jhuk nit âwai kâlî,

Dîn-bandhu, Kartâr ; dayâ kyôn jag se tumnê uthâ lî ?

Tawâ, kasaûdî, lutiya, belâ, dhar khâi thâlî.

Kare nangariyân, nath, bâlî sab beñch beñchakh lî

Mukh bâte mukh Râm khalaq sab phiratî bikhrâlî.

Râm Chandra ab karo kist dhab jag ki pratipâlî

Translation.

Abode of Compassion, Friend of the Poor, that hath caused the want of rain !
Indra, the lord of the people, hath been so careless.

Wells, tanks, streams are dry, and leaves and branches have dried up.

Not a drop falls, though the dark clouds bend low.

Brother of the Poor, Creator ; why hast thou taken thy mercy from the world ?

Pawning—pans, jugs, kettles, dishes and cups we have lived.

Bracelets, necklaces, nose-rings, ear-rings we have sold to live.

With agitated faces the people of God (Râm) are wandering about.

Râm Chandra (God) protect the earth in some way or other.

¹² A village in the Rurki Tahsil.

SONGS OF THE MUTINY.

BY WILLIAM CROOKE (LATE I.C.S.)

THESE songs were collected some time ago chiefly by Rāmgharib Chaube, who remarked that the Mutiny had very deeply impressed the overwhelming power of the English on the whole population of the districts affected by it. The higher classes hid this impression, but the lower orders had no compunction in composing verses in honour of the British victories, and such songs are to be found all over Northern India, still upon the lips of the people. Rāmgharib Chaube remarked also that for this reason it is worth while recording these Mutiny Songs as an indication of the real feeling of the people on the subject fifty years after the occurrence. Native editors and publishers are now collecting and printing them.

[The particular collection now given has all the usual characteristics of popular Indian songs, meant to commemorate historical occurrences. The songs only vaguely allude to history and put into homely language matter of purely local interest, chiefly in set forms of words which would do duty for almost any point connected with the subject.—ED.]

No. I.

Meerut, 1857.

Sung by the Gújar women of Sahāranpur.

Text.

Logoñ ne lûṭe shâl doshâle : mere pyâre ne lûṭe rumâl.

Mîrath kâ sadar bâzâr hai ; mere sâniyân lûṭe na jâne.

Logoñ ne lûṭe ṭhâli kaṭore ; mere pyâre ne lûṭe gilâs.

Mîrath kâ sadar bâzâr, etc.

Logoñ ne lûṭe gole chhuhâre ; mere pyâre ne lûṭe badâm.

Mîrath kâ sadar bâzâr, etc.

Logoñ ne lûṭe muhar asharfi ; mere pyâre ne lûṭe chhadâm.

Mîrath kâ sadar bâzâr, etc.

Translation.

People got shawls, large and small ; my love got a kerchief.

There is a great bâzâr at Meerut ; my love did not know to plunder.

People got dishes and cups ; my love got a glass.

There is a great bâzâr at Meerut, etc.

People got cocoanuts and dates ; my love got an almond.

There is a great bâzâr at Meerut, etc.

People got coins of gold ; my love got a half-penny.

There is a great bâzâr at Meerut, etc.

No. II.

Fyzâbâd, 1857.

Sung and recorded by Banda 'Alî Sayyid of Unâhî, District Faizâbâd.

Text.

Rânâ Bahâdur sipâhî Avadh meñ dhum machâî, more Râm re.

Likh likh chithiyâ, Lât ne bhejâ ; “ân milo, Rânâ Bhâî re.

Jangî khilâ't Laḍan se mangâ dūñ, Avadh meñ Sûbah banâî, re.”

Jawâb sawâl likhâ Rânâ ne : “ham se na karo chaturâî re.

Jab tak prân rahau tan bhitar, tum kân khoḍ bahâi re.”

Zamîndâr sab mil gaye gulkhân, mil milke kapât re.

Ek to bin sab kaṭ kaṭ jâi, dusre garhi khoḍwâi re.

Translation.

The soldiers of the Rânâ raised trouble in Oudh, my Râm.

The Lord (Governor-General) sent a letter : “ Come and join us, Brother Rânâ.

I will get military honours from London, and make you a governor in Oudh.”

The Rânâ wrote an answer : “ Don’t play with me.

As long as there’s life in my body, I will dig you up and throw you away.”

All the zamindars met together and joined the English.

(So) first the Rânâ’s clan was destroyed and secondly his fort was dug up.

No. III.

Gulâb Singh, Thâkur of Barwâ Batolâ, Hardoi.

The story is that Gulâb Singh, the Thâkur of Barwâ Batolâ, *tahsil* Sandilâ, District Hardoi, was a bachelor who had adopted his sister’s son. She was a brave woman, who inspired him to further deeds of daring.

Sung by Qamaru’ddin of Sandilâ and recorded by Râm Gharîb Chaube.

Text.

1.

“ *Râjâ Gulâb Singh, rahiyâ tori herûn ; ek bâr daras dikhâwâ re.*”

Apnî garhî se yah bole Gulâb Singh : “ Sun, re Sâbaba, merî bāt re.
Pāidāl bhî mārē, sawār bhî mārē, mārî phauj behisâb re.”

2.

“ *Bânke Gulâb Singh, rahiyâ tori herûn : ek bâr daras dikhâwâ re.*”

“ Pahālî laṛâi Lakmanâgarh jite : dusrî laṛâi Rahimâbâd :
Tisrî laṛâi Sandilwâ meñ jite : Jâmûn meñ kînhâ muqām re.”

Refrain.

“ *Râjâ Gulâb Singh, rahiyâ tori herûn : ek bâr daras dikhâwâ re.*”

Translation.

1.

“ *Râjâ Gulâb Singh, I am a little tired of waiting : show yourself for once.*”

From his fort spake thus Gulâb Singh : “ Hear my words, Lady.

I have slain the foot soldiers, I have slain horsemen, I have slain a countless army.”

2.

“ *Brave Gulâb Singh, I am a little tired of waiting : show yourself for once.*”

The first fight I won at Lakmanâgarh ; the second camp at Rahimâbâd.

The third fight I won in Sandilâ ; and made my camp at Jâmû.¹

Refrain.

“ *Râjâ Gulâb Singh I am a little tired of waiting : show yourself for once.*”

(To be continued.)

¹ Lakmanâgarh is the popular name of the Bailey Guard at Lucknow. Rahimâbâd is an important town in *tahsil* Malihâbâd (Hardoi). Sandilâ is the town of the *tahsil* of that name. Jâmû is a village two miles from Sandilâ.

Fig. I.

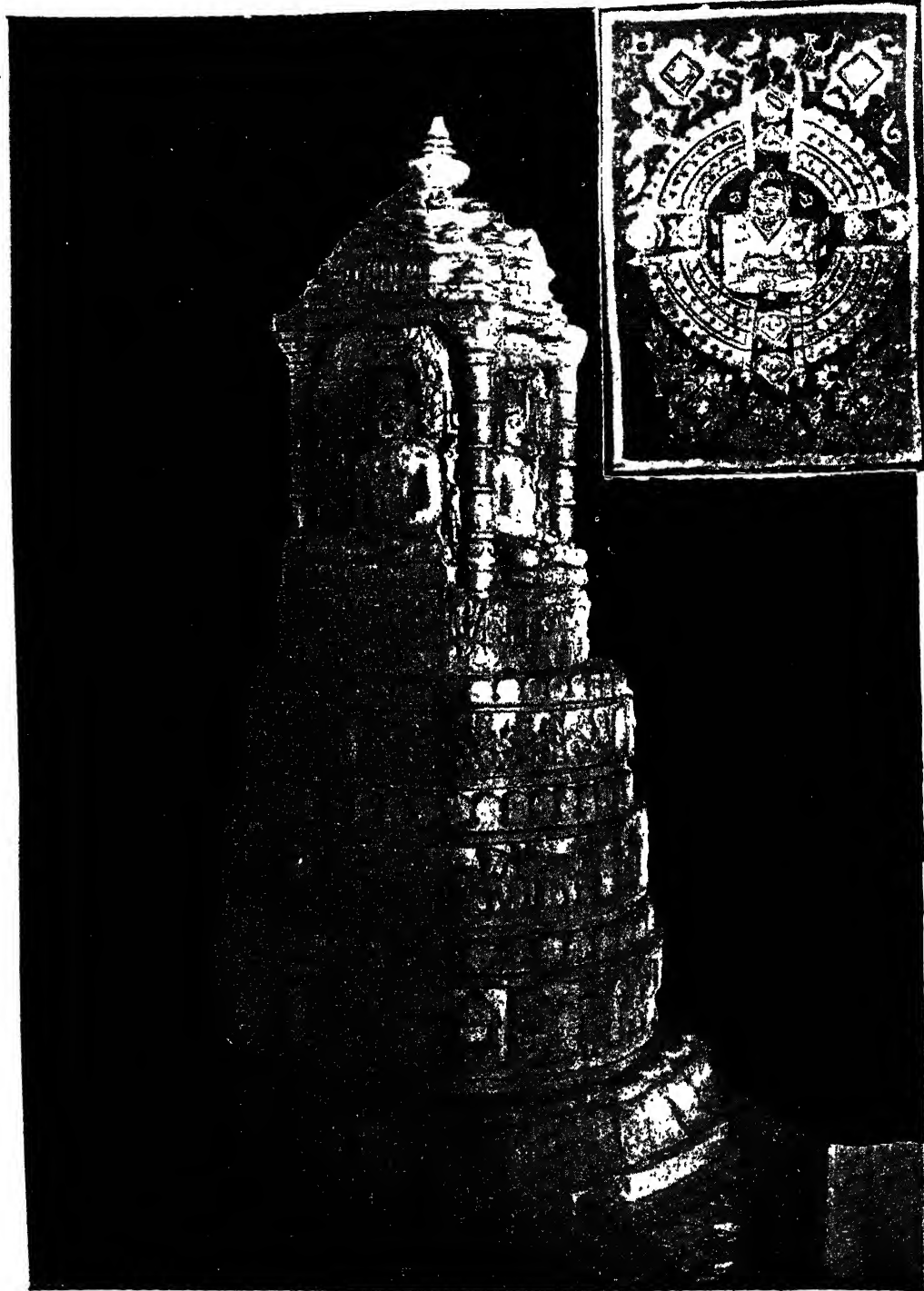


Fig II.

Fig. I. Ābū, Dilvādā, temple of Vimala Śāh, in chamber in the south-west corner of courtyard. Sculpture of Samavasaraṇa.

Fig. II. Picture of Samavasaraṇa on a leaf from Jaina MS.

JAINA ICONOGRAPHY.

BY D. R. BHANDARKAR, M.A. ; POONA.

(Continued from *Archæological Survey Report for 1905-06*, p. 149).

II.—*Samavasaraṇa*.

WHILE much is known and has been written about Brāhmaṇic and Buddhist iconography, that of the Jaina sect is practically ignored. In fact, Dr. Burgess is the only antiquarian that has studied and written about Jaina mythology and, to a certain extent, about Jaina iconography, but great ignorance prevails as regards these matters amongst scholars and antiquarians in general.¹ This is, indeed, to be pitied as materials for their study exist in abundance. In the *Archæological Annual* for 1905-06 I wrote a paper on the *Śakunika-Vihāra*,² and I propose here to describe the *Samavasaraṇa*, which is my second contribution to the study of Jaina iconography.

Vague ideas have hitherto existed as to what a *Samavasaraṇa* is, and it has not unoften been confounded with the *Sameta-śilkhara* even by antiquarians who ought to have known better. I too was practically ignorant, three years ago, of the object and characteristics of this Jaina sculpture until I was enlightened on this point by Pravaraka Mahārāja Muni Śrī-Kāntivijayaṇi when I was on Mount Ābū. This subject arose, as we were together going over the corridor cells of Vimala Śā's temple and came up to a sculpture (Fig. I) in a side chamber in the south-west corner, which but for him would not have been known to me as that of a *Samavasaraṇa*. He very kindly explained to me its principal features, and promised to send me a short manuscript dealing with it and a small picture thereof contained in an old work in his *Udhāṇḍār* (Fig. II.). These were received last year. The work calls itself *Samavasaraṇa-stavana* at the end, and is given in the manuscript with an *avachāri* or gloss.

The name of the author of the work, which is in verses, appears to be Dharmaghōṣa-sūri from what the commentator has said in his Glossary on verse 10. But more detailed information is furnished by the author himself in verse 1. If we carefully notice the *double entendre* obviously intended, we find that Vidyānanda and Dharmakīrti are mentioned as pupils of Dēvēndra. Now, Dēvēndra is the forty-fifth pontiff in the Tapāgachchha *pañjāvali*.³ He died in V. S. 1327 and his appointed successor, Vidyānanda-sūri, thirteen days after him. Dharmakīrti, therefore, received the *sūripada* under the name Dharmaghōṣa. Shortly before this manuscript was received, I had occasion to glance over the pages of Hēmachandra's *Trishashṭi śalākā-purusha-charitra* published by the Śrī-Jaina-dharma-prasāra-saṁsthā of Bāvnagar. On pages 83 ff. and 45 ff. of the first and second *parvans*, I lighted upon two splendid descriptions of the *samavasaraṇa* of the first and second Tīrthaṅkaras given by that renowned Jaina monk and author. But I shall here give the whole of the text of, and commentary on, the *Samavasaraṇa-stavana* and supplement each one of its verses by such lines as may bear on the point from the account of Ādinātha's *Samavasaraṇa* only contained in the first *parvan* of the *Trishashṭi śalākā-purusha-charitra*.

ओं अहं प्रणम्य ।

धुनिमो केवलिवत्थं वरविज्ञाणं धम्मकित्तिथं ॥

देवेन्द्रनयपयत्थं तित्थयरं समवसरणत्थं ॥ १ ॥

ओं ॥ जिनं प्रणम्य, वयं धुनिमो स्तुमः । कं तीर्थंकरं । केवलिनो अवस्था यस्य स केवल्यवस्थः तं । वराः प्रधाना विद्यानन्दधर्मकीर्तिकृपा अथा यस्य स वरविद्यानन्दधर्मकीर्त्यर्थः । अथवा किमर्थं स्तुमः । वरविद्यानन्दधर्मकीर्त्यर्थं । पुनः कथंभूतं । देवेन्द्रैतं यत्पदं तीर्थंकरपदवीरूपं तत्र तिष्ठतीति देवेन्द्रनयपदस्थः तं । समवसरणं तिष्ठतीति समवसरणस्थः अथवा समवसरणे आस्था स्थितिर्यस्य स समवसरणस्थः तं तथा ॥ १ ॥

(V. 1.) For the highest lore, delight, piety, and fame, we praise the Tīrthaṅkara, who has attained to the condition of a *kēvalin*, who has reached the position which is respected by the Indras of the gods, and who has (consequently) occupied a *samavasaraṇa*.

¹ Cf. A. Grénot, *Essai de bibliographie Jaina*, Paris 1906, pp. 381 ff.

² *A. S. R.* for 1905-06, p. 141 f.

³ *Ind. Ant.*, Vol. XI, p. 255.

पयडिभसमत्तभावो केवलभावो जिष्णु जल्य भवे ॥

सोहन्ति सव्वभो तहिं महिमाजोयणमनिलकुमरा ॥ २ ॥

प्रकटिताः समस्ता भावास्त्रिभुवनान्तर्वर्तिनो येन सः । तथा केवलभावः केवलित्वं यत्र स्यात्तस्मिन्स्याने शोधयन्ति सर्वतः पृथिवीं आयोजनं योजनमभिव्याप्य वायुकुमाराः ॥ २ ॥

(V. 2.) Wherever the Jinās exhibit the condition of a *kevalin*, in which all substances manifest themselves, there the Vāyu-Kumāras cleanse the earth one *yojana* all around.

The same thing is expressed by the following verse from Hemachandra's *Trishashṭi-sālākā-purusha-charitra* :

ततः समवसरणस्यावनीमेकयोजनाम् ।

अमृजन्वायुकुमाराः स्वयं मार्जितमानिनः ॥ ४२३ ॥

Translation.

Then Vāyu-Kumāras, who themselves had been purged of their pride, cleansed the ground of *Samavasaraṇa* (to the extent) of one *yojana*.

वरिसन्ति मेहकुमरा सुरहिजलं उडसुरा कुसुमपसरं ॥

विरयन्ति वणा मणिकणगरयणचिन्तं महीयलं तो ॥ ३ ॥

मेघकुमारास्तत्र सुरभि जलं वर्षन्ति । उडसुरा इति वरणां ऋतूनामधिष्ठातारः सुरा व्यन्तरा इत्यर्थः । कुसुमपसरं वर्षन्ति अधोमुखवृन्तान्पुष्पप्रकरान्कुर्वन्तीत्यर्थः । ततो वणा वाणमन्तराः मणयश्चन्द्रकान्ताद्याः इन्द्रनीलादीनि रत्नानि । अयं भावः । मणिकनकरत्नैश्चित्रं महीतलं रचयन्ति पीठबन्धं कुर्वन्तीत्यर्थः ॥ ३ ॥

(V. 3.) The Mēgha-Kumāras rain down fragrant water; [the Vyantaras], who are the gods [presiding] over the seasons, spread heaps of flowers; and the Vāṇamantaras make the surface of the earth variegated with ruby, gold and gems.

Side by side with the above may be read the following three verses, from Hemachandra's work :—

गन्धाम्बुवृष्टिर्मेघकुमाराः सिषितुः क्षितिम् ।

सुगन्धिबाष्पैः सांक्षिप्तधूपार्घ्वैर्वैष्यतः प्रभोः ॥ ४२४ ॥

व्यन्तराः स्वर्गमाणिक्यरत्नादमभिरुदंशुभिः ।

आत्मानमिव भक्त्या तद्वबन्धुर्वसुधातलम् ॥ ४२५ ॥

तत्राधोमुखवृन्तानि प्रोद्गतानीव भूतलात् ।

पञ्चवर्णानि पुष्पाणि सुगन्धान्यकिरंश्च ते ॥ ४२६ ॥

Translation.

424. The Mēgha-Kumāras watered the earth with showers of fragrant water. With the fragrant vapours [arising therefrom], [the earth appeared] as if she offered incense-worship to the Lord that was to come.

425. The Vyantaras through devotion paved the surface of the earth, themselves as it were with stones, *viz*, gold, rubies and gems.

426. And there they scattered fragrant flowers of five [different] colours with stalk downwards, as if sprung from the surface of the earth.

Here it will be seen that the work of spreading flowers and that of paving the floor have both been assigned by Hemachandra to the Vyantara, whereas by the author of the *Samavasaraṇa-stavāna* the first only is assigned to Vyantaras, the second being put to the charge of the Vāṇamantaras. But there is, really speaking, no inconsistency. For, as will be seen from the list appended to this paper, there are two classes of Vyantaras: (1) those who are called simply Vyantaras and (2) those who are called Vāṇamantaras. Hemachandra merely speaks of the work done by the Vyantara class in general and the *Samavasaraṇa-stavāna* specifies the work done by each of the two Vyantara orders.

समवसरणरचनामाह ।

अर्धमतरमज्झबहिं तिवप्प मणिरयणकणयकविसीता ॥

रयणज्जुणरुप्पमया विमाणियजोहभवणकया ॥ ४ ॥

अयं भावः । अभ्यन्तरो रत्नमयो विमानिककृतो मणिकपिशीर्षकः १ । मध्यमो ज्योतिष्ककृतोऽर्जुन-
संज्ञः सुवर्णमयो रत्नकपिशीर्षः २ । बाह्यो भवनपतिकृतो रूप्यमयो हेमकपिशीर्षः ३ ॥ ४ ॥

(V. 4.) There are three ramparts:—the innermost, intermediate, and outmost. [The first] is constructed of gems, with the battlements (*kapiśīrsha*) of rubies, by the Vaimānikas; [the second] of gold with the battlements of gems, by the Jyōtishkas; [and the third] of silver with the battlements of gold, by the Bhavanapatis.

The same description of the ramparts is given and at greater length in the following verses from the *Trishushṭi-sādhakā-purusha-charitra*:

तदोपरितनं वमं विमानपतयो व्यधुः ।
रत्नमयं रत्नगिरेरादृतां मेखलामिव ॥ ४३३ ॥
नानामणिमयान्यासन्कपिशीर्षाणि तत्र च ।
अंशुभिः सूत्रयन्ति द्यां चित्रवर्णांशुकामिव ॥ ४३४ ॥
मध्यभागे पुनः स्वाङ्गज्योतिभिरिव पिण्डितैः ।
प्राकारं कनकैर्ज्योतिष्पतयस्तत्र चक्रिरे ॥ ४३५ ॥
रत्नैर्विरचयामासुः कपिशीर्षाणि तत्र च ।
सुरासुरवधूवक्त्ररत्नादर्शयितानि ते ॥ ४३६ ॥
रूप्यवप्रश्च भवनपतिभिस्तद्वह्निष्कृतः ।
भक्तितो मण्डलीभूत इव वैताड्यपर्वतः ॥ ४३७ ॥
तस्योपरि विशालानि कपिशीर्षाणि जज्ञिरे ।
सौवर्णान्यम्बुजानीव विविषद्दीर्घिकाजले ॥ ४३८ ॥
भवनाधिपतिज्योतिष्पतिवैमानिकश्रियाम् ।
एकैककुण्डलेनेव सा त्रिवर्णीकृता बभौ ॥ ४३९ ॥

Translation.

433. Then the Vimanapatis constructed the uppermost rampart consisting of gems [and looking] as if it were the snatched-away girdle of Ratnagiri (*lit.* the mountain of gems).

434. And there composed of various rubies were [its] battlements (*kapiśīrsha*), which, with (their) rays made the sky [decked] as if with a cloth of variegated colours.

435. There again in the central portion the Jyōtishpatīs constructed a rampart of pieces of gold, which were, as it were, the lustres of their bodies rolled into one lump.

436. And of gems they made the battlements there, which looked like jewel mirrors to the females of gods and demons.

437. And outside it a silver rampart was, through devotion, constructed by the Bhavanapatis, which was, as if Mount Vaitāḍhya, become circular.

438. Thereon extensive battlements (of gold) were made, which were like gold lotuses in the water of the celestial well.

439. The Earth shone with these three ramparts as if she were decorated with three ear-rings of the *Srīs* (beauty personified) of Bhavanapatis, Jyōtiskas, and Vaimānikas, respectively.

बहमि दुतीसंगुलसितिसधणु पिडुल पणसयधणुबा ॥

छन्दणुसयइगकोसंतराय रयणमय चउ सारा ॥ ५ ॥

अथ समवसरणं द्विधा स्यात् वृत्तं चतुरस्रं वा । तत्र वृत्ते वप्रत्रयभित्तयः प्रत्येकं ३३ धनुः ३२ अगुलपृथुला भवन्ति । तथा त्रयाणामपि वप्राणामन्तराणि उभयपार्श्वान्तरमालिनेन एकक्रोशषडधनुःशतप्रमाणानि स्युः । बहिर्वर्त्तिसोपानानि १०००० मितानि योजनमध्ये न गण्यन्ते । ततः प्रथमवप्रादमे ५० धनुःप्रतरः ततोऽग्रे ५००० सोपानानि तेषां च हस्तमानत्वाच्चतुर्भिर्भागे लब्धानि १२५० धनुषि । ततो द्वितीयवप्रात् ५० धनुःप्रतरः

५००० सोपानानां १२५० धनुषि । तवस्तृतीयवप्रः ततः १३०० धनुषि गत्वा पीठमध्यं । तिस्रोपि च भित्तयो धनुः ३३ हस्त १ अंगुल ८ पृथुलाः । सर्वधनुर्मीलने ३९९९ जातं । तथा ३२ अंगुलत्रिगुणीकरणे ९६ अंगुलैरेकं धनुः स्यात् । एवं जातानि ४००० । एवं एकस्मिन्पार्श्वे क्रोशद्वयं एवं द्वितीयेऽपि क्रोश २ । इति मिलितं वृत्त-समवसरणे योजनम् ॥ ५ ॥

(V. 5.) In the round *Samavasaraṇa*, the ramparts are 33 *dhanus* and 32 *aṅgulas* wide, 500 *dhanus* high and 1 *krośa* 600 *dhanus* (counting both sides) distant from each other. Each rampart has four gates made of gems.

The commentary on this verse is important, and its translation will be found useful. I give it here:

"A *samavasaraṇa* may be of two kinds,—round or square. In the round *samavasaraṇa* each of the three ramparts is 33 *dhanus* 32 *aṅgulas* thick. The distances between the three ramparts, counting the distances on both the sides should be 1 *krośa* and 600 *dhanus*. The steps outside, numbering 10,000, are not included in the *yojana* (which is the expanse of the *samavasaraṇa*. Then after the first rampart is plain level ground of 50 *dhanus*. Farther are 5,000 steps; they are each 1 *hasta* long. Dividing (5,000) by 4, we obtain 1,250 *dhanus* (as the whole length of space occupied by the steps). Then after (crossing) the second rampart there are 50 *dhanus* of plain level ground and 1,250 *dhanus* (as the length) of 5,000 steps. Then comes the third rampart, and after traversing 1,300 *dhanus*, the centre of the pedestal.⁴ The three ramparts are each 33 *dhanus* 1 *hasta* and 8 *aṅgulas* thick. By adding all the *dhanus* (mentioned above), we get 3,999. By trebling 32 *aṅgulas* we obtain 96 *aṅgulas* = 1 *dhanus*. Thus it comes to 4,000 (*dhanus*). Taking only one side into consideration we thus have 2 *krośas*. On the other side (also) there are (similarly) 2 *krośas*. The *yojana* (space) is thus accounted for in the case of a round *samavasaraṇa*."

So far the translation. But in order to make the contents of the commentary quite clear, it is necessary to add a little explanation. As a preliminary to this, the following table may be here given:—

24 *aṅgulas* = 1 *hasta*.

4 *hastas* = 1 *dhanus*.

2,000 *dhanus* = 1 *krośa*.

4 *krośas* = 1 *yojana*.

Now, what the commentary says is clear from the following:—

	<i>dhanus</i>	<i>hastas</i>	<i>aṅgulas</i>	
	2,500 ⁵	...	...	steps of the first Rampart (i.e., the length of the space occupied by them).
Rampart I	{ 33 50 1,250	{ 1	{ 8	{ thickness of the wall. plain level ground. steps of the second Rampart, but occupying space in the first.
Rampart II	{ 33 50 1,250	{ 1	{ 8	{ thickness. plain level ground. steps of the third Rampart, but occupying space in the second.
Rampart III	{ 33 1,300 ⁶	{ 1 ...	{ 8 ...	{ thickness. space between wall and centre of pedestal.
	4,000	...	...	= 2 <i>krośas</i> = $\frac{1}{2}$ <i>yojana</i> .

We similarly have $\frac{1}{2}$ *yojana* on the other side. The whole thus amounts to 1 *yojana*.

⁴ Most of the points noted in the commentary are specified in verses 7 and 8 below.

⁵ Not to be counted, being outside the *samavasaraṇa*.

⁶ Half of 1 *krośa* 600 *dhanus*, which is *ubhaya-pārsvayor-antara*.

चतुरसे इगधणुसयपिहवप्पा सङ्कुकोसअंतरया ॥

पढमविआ विअनइया कोसंतर पुव्वमिव सेसं ॥ ६ ॥

चतुरसे तु वप्रवयं । भित्तयः प्रत्येकं शतधनुःपृथुलाः । प्रथमद्वितीयवप्रयोश्चान्तरं उभयपार्श्वमीलने सार्द्धः क्रोशः । द्वितीयतृतीययोश्चान्तरं उभयपार्श्वमीलनेन क्रोशः । पुव्वमिव सेसं इति शेषं मध्यभित्तोरन्तरं १ क्रोश इ०० धनुःप्रमाणं । अथानापि एकपार्श्वे योजनार्थं मील्यते यथा चतुरसे बाह्यभित्तिर्योजनमध्ये न गण्यते । ततश्च बाह्यवप्रमध्यवप्रयोरन्तरं १००० धनूषि । द्वितीये भित्तिधनूषि १०० । आभ्यन्तरमध्यवप्रयोरन्तरं १५०० धनुर्मीनं । आभ्यन्तरे भित्तिधनुः १०० । आभ्यन्तरवप्रात् १३०० धनूषि गत्वा पीठमध्य । एवं ४००० धनूषि जातानि । तथा च क्रोशद्वयं भवति । एवं यथा एकत्र पार्श्वे क्रोशद्वयं भवति तथा द्वितीयेपि । चतुरसेऽपि एवं योजनं मिलति स्म ॥ ६ ॥

(V. 6) In a square (*samavasaraṇa*) the ramparts are one hundred *dhanus* (each in distance). The first and the second are one and a half *krośa*, and the second and the third ramparts are one *krośa* distant (from each other). The rest is as before.

The gloss, on this verse is also important, and may be rendered as follows:—

"In a square (*samavasaraṇa*) also there are three ramparts. The walls are (each) 100 *dhanus* thick. The distance between the first and second ramparts, by counting both the sides, is one and a half *krośa*. The distance between the second and third ramparts, by counting both the sides is one *krośa*. (The words) *puvvaṃ-iva sēssamā* are (to be taken to imply) that the distance between the innermost walls is 1 *krośa* and 600 *dhanus*. Here also on one side you obtain $\frac{1}{2}$ *yojana* if in a square *samavasaraṇa* the outermost wall is not included in the *yojana*. Then the distance between the outermost and intermediate ramparts is 1,000 *dhanus*. In the second, you have (as thickness) 100 *dhanus* of the wall. The distance between the innermost and intermediate ramparts is 1,500 *dhanus*. In the innermost you have (as thickness) 100 *dhanus*. After going over 1,300 *dhanus* from the innermost rampart, (you reach) the centre of the pedestal. (You) thus have 4,000 *dhanus*, and (the whole) comes to 2 *krośas*. Just as on one side you have two *krośas*, so on the second side also. In the square (*samavasaraṇa*) also you thus obtain one *yojana*."

The contents of the commentary speak for themselves. But the following will make them quite clear:—

	<i>dhanus</i>	<i>hastas</i>	<i>aṅgulas</i>	
Rampart I	... { (100) ⁷ 1,00 }	...	...	thickness (of the wall).
		...	...	distance between the outermost and intermediate ramparts (= half of उभयपार्श्वान्तर).
Rampart II	... { 100 1,500 }	...	...	thickness (of the wall).
		...	...	distance between the intermediate and innermost ramparts (= half of उभयपार्श्वान्तर).
Rampart III	... { 100 1,300 }	...	...	thickness (of the wall).
		...	...	space between rampart and centre of pedestal (taken from the last).

4,000

= 2 *krośas* = $\frac{1}{2}$ *yojana*.

We similarly have to take into account $\frac{1}{2}$ *yojana* on the other side. The whole thus comes to one *yojana*.

सोवाणसहसस करपिहुच्च गन्नुं भुवो पढमवप्पो ॥

तो पन्ना धणुपयरो तच्चो अ सोवाण पण सहसा ॥ ७ ॥

हस्तपृथुवानि दशसहससोपानानि भूमितो गत्वा प्रथमो वप्रः । ततः ५० धनुः प्रतरः समा भूमिरित्यर्थः । शेषं सुगमम् ॥ ७ ॥

तो विअवप्पो पन्नधणु पयर सोवाणसहस पण तत्तो ॥

तद्भोवप्पो छस्सयधणु इगकोसेहिं तो पीढं ॥ ८ ॥

ततस्तृतीयो वप्रः । तस्य चान्तः षडधनुःशतेनाधिकैकक्रोशेन प्रमितमिति गम्यं क्रोश १ धनुः ६०० प्रमाणमित्यर्थः । पीढं समा भूमिरस्ति ॥ ८ ॥

(V. 7) Having gone over ten thousand steps, each one *hsta* broad and high from the (outside) ground, the first rampart (is reached). Then is even plain ground for fifty *dhanus*, and thereafter five thousand steps again.

(V. 8) Then (comes) the second rampart, (and) after that plain level ground for fifty *dhanus* and five thousand steps; (then) the third rampart (and) after that level ground up to 1 *krośa* and 600 *dhanus*.

⁷ Not to be counted, as stated in the commentary.

All the details set forth in these verses have already been specified and utilised in the commentary on verse 6.

चउदार तिसोवाणं मज्झे मण्णिपीडयं जिणतणुञ्चं ॥

दोधगुसयपिड्ढ दीहं सट्ठुकोसेहिं धरणिगला ॥ ९ ॥

चतुर्द्वारं तिसोवाणं समवसरणे मध्ये मण्णिपीडं जिनदेहमानुञ्चं २०० धनुः पृथु दीर्घं च भूतलात्सार्धक्रोश-

द्वयेन भवति ॥ ९ ॥

(V. 9) In the centre is a gem-studded pedestal, with four doors, three steps, and as high as the figure of the Jina, 200 *dhanus* broad and long, two and a half *krośas* high from the ground level.

जिणतणु गारगुणुञ्चो समहिअजोअणपिड्ढ असोगतरू ॥

तय दीहं देवछंदे चउसीहासण सपयपीडा ॥ १० ॥

तिन्नेव गाउआइं चेइअरुक्खो जिणस्स पडमस्स । सेसाण बारसगुणो वीरे बत्तीस य धणूणि ॥ १ ॥ वीरान् द्वादशगुणो धनुः २१ प्रमाणो भवति । पीठकमध्ये जिनतनुद्वादशगुणोच्चः समधिकयोजनपृथुलो अशोकवृक्षः । अस्य च जिनतनुद्वादशगुणोच्चत्वे पञ्चधनुःशतोच्चप्रभित्तितो बहिर्निर्गमाभावेन योजनपृथुत्वं दुर्घटं । परं एतदुपरिस्था इति तुङ्गतरसालवृक्षेण कृत्वाऽप्य योजनपृथुत्वं संभाव्यते । तदुपरि सालो समस्थवित्थिञ्चो इत्यन्यत्र प्रोक्तत्वात् । अत्र च श्रीधर्मघोषसरिपादैरशोकसालयोरैक्यविवक्षयाऽशोकस्यैव योजनपृथुत्वमुक्तमिति संभाव्यते ॥ उक्तमस्ति तन्नि गाऊ बत्तीसधणूणि वद्धमाणस्स । सेसजिणाणमसोओ सरिरउ बारस्सगुणोत्ति ॥ इति प्रवचनसारोद्धारवचनादशोकस्य जिनतनुद्वादशगुणोच्चत्वमपि प्रायिकं संभाव्यते । परमैतद्वायोक्तेष्वशोकप्रमाणे श्रीकृष्णं विनाऽपरेषां तीर्थकृतां अशोकस्य योजनव्यापित्वं सालनैव घटते । सालञ्च श्रीवीरस्वामिनोऽभूत् अन्येषां तु तीर्थकृतां न्यग्रोधादयः । उक्तं च ॥ चउवीसाए तित्थयरारं चउवीसं चेइअरुक्खा इत्या तं जहा । निग्गोह (१) सत्तिवण्णे (२) साले (३) पिये (४) पियंगु (५) छत्ताहे (६) । सिरीसे (७) नागरुक्खे (८) माली य (९) पियंखुरुक्खेय (१०) ॥ १ ॥ तित्ठुग (११) पाडल (१२) जम्बू (१३) आसत्थे (१४) खलु तहेव इधिवण्णे (१५) नंशेरुक्खे (१६) तिलए (१७) अंबगरुक्खे (१८) अजोगे य (१९) ॥ २ ॥ चंपय (२०) बउले य तथा (२१) वेउसरुक्खे (२२) धायईरुक्खे (२३) ॥ साले अ (२४) वद्धमाणस्स चेइअरुक्खा जिणवरारं ॥ ३ ॥ बत्तीसं धणूयाइं चेइअरुक्खो य वद्धमाणस्स ॥ निच्चोउगो असोगो ओच्छञ्चो सालरुक्खेण ॥ ४ ॥ तिन्नेव गाउआइं चेइअरुक्खो जिणस्स उक्तमस्स ॥ सेसाण पुण रुक्खा सरिरओ बारसगुणाओ ॥ ५ ॥ सच्छत्ता सपडागा सवेइया तोरणेहिं उववेया ॥ सुरअसुरगुरुलमहीया चेइअरुक्खा जिणवरारं ॥ ६ ॥ इति बत्तीसं धणूया इति । असोगवरपायवं जिणउच्चताउ बारसगुणं विउवई इत्यावयकचूर्णिवचनात् सप्तहस्तमानात् श्रीवीरस्वामिदेहात् द्वादशगुणीकृतः सन् २१ धनूषि भवत्यशोकः । तदुपरि ११ धनुर्मानः सालवृक्षश्च स्यात् । उभयोर्मालेन ३२ धनूषि चैत्यद्रुमो वीरस्येति संप्रदायः ॥ बत्तीस धणु असोगो तदुपरि सालो समस्थवित्थिञ्चो ॥ इति तिहुअणधिरिकुलभवनमिति यशोभद्रकृतस्तवनेष्वेवं । नित्यं ऋतुरेव पुष्पादिकालो यत्येति नित्यतुक्तः । अवच्छन्नसालवृक्षेणेति वचनादशोकोपरि सालवृक्षोऽपि कथंचिदस्तीति ज्ञायते इति । अशोकवृक्षाधो देवच्छन्दके चत्वारि सिंहासनानि सपादपीठानि ॥ १० ॥

(V. 10) (In the centre of the dais stands) the *Aśoka* tree, twelve times as high as the body of the Jina, and exceeding a *yojana* in breadth. Then (underneath) is a (particular kind of pedestal called) *devachchhaṇḍa*, (and on it are) four lion-thrones accompanied by (four) foot-stools.

The commentary on this verse would be too long and discursive to be translated here. But the substance of it may be briefly stated as follows. We are told that the *Aśoka* tree should be twelve times the height of a Jina and should be spread to the extent of one *yojana* all round. Now, this may be possible in the case of a great many Jinas, but not of all; e. g., Mahāvira. The height of Mahāvira is 7 *hastas*. Multiplying it by 12, we obtain 84 *hastas* = 21 *dhanus* as the height of the *Aśoka* tree in this particular instance. This tree, being only 21 *dhanus* high, cannot even be expected to extend beyond the wall of the third *vapra*, which is itself 500 *dhanus* high as verse 5 informs us. How then can it reach the extent of one *yojana* as required by the present verse? In the answer given by the commentator to this question, there is a little confusion. But the true solution proposed by him appears to be this: The instruction about making the *Aśoka* tree twelve times as high as the body of the Jina holds good in the case of all Jinas except two,—*Rishabhanātha* and Mahāvira. In the case of the former it should be 3 *gau*, i. e., 3 *krośas* high, and of the latter, 32 *dhanus*. Verses from two or three different sources are cited in support of this. Then is made the important suggestion that the height of the *Aśoka* tree should be increased by placing on it the individual *chaitya* tree of the Jina. Authorities for this also are adduced, and verses quoted specifying the various *chaitya* trees of the Jinas. In the present instance, the difficulty is to be got over by placing, on the *Aśoka* tree of 32 *dhanus* in height, a *Sāla* tree, the *chaitya* tree of Mahāvira, of course, of such a height as easily to pass beyond the wall of the uppermost *vapra* and thus make it possible to spread one *yojana* all round.

(To be continued.)

KOYILOLUGU.

BY K. V. SUBRAHMANYA AIYAR, B.A., OOTACAMUND.

THIS book is a record of gifts made, and repairs and additions effected, to the temple of Sri-Raṅganātha at the island of Śrīraṅgam, from the earliest times and is written in Tamil prose. It contains much valuable information regarding the ancient dynasties of Southern India as it gives almost a continuous thread of South Indian chronology from the 13th to the 16th century A.D. It also mentions several important facts relating to earlier periods.

The existence of the book was not unknown to scholars interested in unearthing the ancient history of the Dekhan. Mr. R. Sewell remarks:—"The priests of the (Śrīraṅgam) temple have in their possession a document which ought to be of real value, the mahātmyas of temples being almost invariably an absurd jumble of mythological fables. This is a chronicle called the *Valugu* which is said to give a list of all the priests of the temple, with details of temple management from the earliest times."¹ Further notices of it are made by Professor Hultzsch in the *Epigraphia Indica*, Vol. VII, and by Rai Bahadur Venkayya in his *Annual Report on Epigraphy* for 1899, p. 15, paragraph 43. Except a few other stray references to it as in the revised *Gazetteer of the Trichinopoly District*, the contents of the book have not been thoroughly examined.

Inscriptions on stone and copper appear to have been the main sources from which the book had been compiled, and as such, the facts recorded in it have not to be discarded as worthless for historical purposes. The authorities, in whose hands the palm-leaf manuscripts were originally entrusted, seem to have drawn very largely from the accounts given in the *Guruparamparāprabhāva*, the biography of the Vaishṇava saints, before presenting the whole in the shape of a book. As a review of a work of this kind, in the light of the facts so far elicited, will not be entirely an unprofitable task, I propose to do it in this paper.

Early Period.

God Raṅganātha was worshipped for a time by Brahmā, from whom Ikshvāku took it to Ayōdhyā. It was then graciously given away by Rāma to Vibhishana, and the latter removed the deity to Śrīraṅgam, an island formed by the two branches of the Kāvêrî river. Here Dharma-varman, one of the ancestors of Kiḷi-Chôla erected the central shrine (*tiruvuṇṇāḷigai*²) and other necessary structures for the god. Long time after this, when Kiḷi was the Chôla sovereign, the temple was covered almost to the very top with sand caused by a flood in the Kāvêrî, the two branches of which had become one and a thick jungle covered the island. Kiḷi restored the temple and its adjuncts to their original state. After Kiḷi, Rājamahendra paved the interior of the temple with stone, with a view to close up the springs which were till then in existence there. To him is ascribed the construction of several structures. A street was also called after his name. Some time hence, a certain Nanda-Chôla who was ruling with his capital at Nichulāpurī³ obtained a female child called Kanakavalli that came floating on a lotus leaf in the Kāvêrî. He is reported to have made rich donations to the temple for feeding Brāhmaṇas and for the sacred offerings to the god.

Several years after, there appeared a shower of sand caused by the sinful deeds of a Chôla king. By this event, Uṛaiyūr was destroyed and the capital was removed to Gaṅgaikoṇḍāṇ.⁴ After

¹ *Lists of Indian Antiquities*, Vol. I, p. 268.

² This word is made up of *tiru*, *uḷ* and *nāḷigai* which together mean the sacred central (or interior) shrine.

³ Nichulāpurī is another name for Uṛaiyūr in the Trichinopoly district.

⁴ The full name of the city is Gaṅgaikoṇḍa-Chôlapuram. It was probably founded by Rājendra-Chôla I, who also appears to have erected the big temple there. In the historical introduction of this king, he is called '*Pāradāsamum Gaṅgaiyūm Kiḷāramumkoṇḍa*.' The temple of Gaṅgaikoṇḍachôḷēsvara is built on the style of the Rājarājēsvara at Tanjore, but is bigger in size. Though it presents an older appearance owing, perhaps, to its neglected condition, the inscriptions engraved on the walls of it do not take us to a date earlier than the time of Rājendra-Chôla I. It is deplorable that except the temple and a few huts, there is not a trace of the city at present at Gaṅgaikoṇḍa-Chôlapuram. Excavation at the site is sure to yield good results. Gaṅgaikoṇḍāṇ in the Tinnevely district is certainly not identical with the place referred to in the *Kōyilolugu*, though that might have also come into existence at the same time.

the lapse of a few years, the then reigning Chôla sovereign built a small temple at Uṛaiyūr and set up an image of the goddess (*Nāchchiyār*) in it.

In Kali 50, Kulaśēkhara-Perumāl became the lord of the Chēra, Chôla and Pāṇḍya territories. He built palaces at Madura, Kolli and Uṛaiyūr. Śōlakulavalli, the daughter of this king effected certain improvements to the temple at Srīraṅgam.

In Kali 360, a lord of the Gauḍa-dēśa came with hoards of treasure and made a gift of them to the god. The treasure, not having been accepted by the god, remained in charge of certain northern Brāhmaṇas, whom the lord of Gauḍa-dēśa left behind him. The way in which these Brāhmaṇas conducted themselves pleased Raṅganātha so well that the deity accepted the treasure afterwards.

In Kali 445, the Vaishṇava saint Tirumaṅgai-Ālvār was living in Srīraṅgam composing his famous work *Tirumōḷi* and executing certain repairs to the temple. At this time a certain Tiruvīlakku-Picheṇṇ accused Tirumaṅgai of self-praise in his compositions. Madhurakavi Ālvār set up the image of Sadagōpaṇ⁵ at Tirunagari⁶, defeated Kambaṇ⁷ in the great academy of Tamil poets and was much devoted to Nammālvār. He frequently visited Srīraṅgam to scrutinise the temple accounts. It was at this time that Tirumaṅgai composed the six *Tiruneḍundāṇḍagam* and Nammālvār's work *Tiruvāymōḷi* received such a sanctity as to be sung along with the Vēdas.

Eḍuttagai Ālagiyaśinga-Nayinaṛ and Toṇḍaraḍippōḍi-Ālvār are said to have been important devotees prior to the time of the three Ālvārs.

In the first place it may be remarked that the chronology of this part of the book is not very reliable. The Kali years assigned to Kulaśēkhara-Perumāl and the three Ālvārs are decidedly wrong as will be pointed out below. There are also grounds to suspect that the events are not recorded in the order in which they took place. Until it is controverted, I think the correctness of the events may be accepted. It seems possible that owing to a confusion or ignorance on the part of those who collated the materials, the kings of one dynasty are named as belonging to another. Four kings are mentioned, viz., Dharmavarman, Kiḷi-Chôla, Rājamahēndra and Nanda-Chôla. The first of these was regarded by Prof. Hultzsch as a mythical personage. As Kiḷi-Chôla is said to have come in the line of Dharmavarman, the latter has to be looked for among the ancestors of the Chôlas; but we do not find his name in the mythical genealogy of the Chôlas furnished in the large Leyden plates. What is here omitted is happily preserved elsewhere. The Śaiva saint Tiruāṇaśāmbanda who lived in the middle of the 7th century A.D., refers to king Dharma in one of his hymns on Piramapuram⁸. Though the exact time of this king cannot be made out at present, the reference is useful as it shows that he must have flourished prior to the time of the saint. Kiḷi, if it is a contraction of Kiḷli, is assuredly an historical personage. As Tamil literature furnishes the names of several kings by this name, it is not possible to say which of them is referred to here. But it will be useful to examine the evidence contained in Tamil works regarding the kings bearing the name Kiḷli. As a result of my enquiry I find that it is a mistake to take each king of that name to be a separate sovereign and to allot him a place in the Chôla genealogy.

⁵ This is another name for Nammālvār.

⁶ This village goes by the name of Ālvār-Tirunagari and is in the Tinnevely district. Kuruḡur was its other name.

⁷ According to the extant Tamil literature, there was but one Kambaṇ and he appears to have lived in the 13th Century A.D. The person referred to here must be different from him as he belongs to the 5th Century.

⁸ The stanza, in which the name occurs, runs thus:—

Seṅgō-naḍāvi-ppall-uyirkkuñ-cheyvipai meytiriya

Veṅgō-Ddarumaṇ meiyi-āṇḍa Veṅguru mēyavanē.

Veṅguru was one of the twelve names by which abiyali was known in ancient times.

One of these kings, Sôlan Kulamuratttu-tuñjina⁹ Killivaḷavan¹⁰ is said to have laid siege to Karuvûr and conquered the Chêra king of his day. No less than eleven poets, including Kôvûr-kilâr sung in his praise. This poet is the author of stanzas 44, 45 and 47 of *Puranâṇṇiru* which speak of Kâriyâr-tuñjina Neḍuñ-Killi of Urai-yûr and of his friend Ilandattan. In *Puram* 373, the same poet celebrates the glory of Sôlan Kurâppalli-tuñjina Killivaḷavan who is also credited with having destroyed Karuvûr owing to an hostility with the Chêra. This Chôla king's friendly Pāṇḍya contemporary was Velliyaṁbalattu-tuñjina Ugra-Peruvaḷudi.¹¹ Kôṇattu¹² Erichchalûr Mâḍalan Mâdiraikkumaṇaṇ, one of the poets of the time of Kurâppalli-tuñjina Killivaḷavan is also the author of (1) *puram* 61 which speaks of Sôlan Ilavandigaippalli-tuñjina Nalan-killi Sêcheṇṇi,¹³ the contemporary of Neḍuñ-killi: (2) of *puram* 167 in praise of Êṇādi Tirukkilli and (3) of *puram* 180 in favour of Irattûr-kilāṇ Tāyaṇ Mūṇaṇ who fought for his over-lord. It thus appears that all these Killi's belong to one period.

Another Chôla king celebrated in Tamil literature is Peruna-killi. He is referred to as one of the ancestors of the Chôlas in the large Leyden plates, the Tiruvālaṅgaḍu grant and the Udayēndiram charter of Prithivīpati II. He performed the Râjasûya ceremony, and was, on that account known by the epithet Râjasûyamvêṭṭa Peruna-killi. With the help of Tiruveṇmalaiyaṇ and perhaps also of Sêramāṇ Māvenkô, who was his friend, he defeated the Chêra Mândarañchêral-Irumborai (*puram* 16, 125, 365 and 367) who was the lord of the Kolli mountains, who rescued the village of Viḷaṅgil who was the friend of the poet Kapilar, and who was taken captive by the Pāṇḍya king Talaiyālaṅgāṇattu-śeruveṇṇa-Neḍuñjeliyaṇ and was subsequently set at liberty (*puram* 4, 17, 20, 22, 53, 125, 129). It is said that Kāṇappêr-eyil-kaḷan la Ugra-Peruvaḷudi, one of the royal personages that adorned the last academy of Tamil poets of Madura (*puram* 21, 367) also belonged to the same age. If this Pāṇḍya king is identical with Velliyaṁbalattu-tuñjina Ugra-Peruvaḷudi, the second set of Killi would also be of the same age as the first. In this case, I am inclined to take Peruna-killi who performed the Râjasûya ceremony, and perhaps one or two others as the real sovereigns of the time and that all the rest were members of the royal family who distinguished themselves in the wars undertaken by the reigning kings. The defeat of the Chêra and the destruction of Karuvûr are attributed to several Chôla kings of this age. Muḍittalaikô-Peruna-killi whose Chêra contemporary was Sêramāṇ Anduvañchêral Irumborai and Vêrpahraḍakkai Peruna-killi who claimed to have killed Sêramāṇ Kuḍakkô Neḍuñchêral Âthan probably refer to the same king.

The facts set forth above clearly show that the Pāṇḍya kings Talaiyālaṅgāṇattusêruveṇṇa Neḍuñjeliyaṇ and Ugra-Peruvaḷudi, the Chôla Sovereign Râjasûyamvêṭṭa Peruna-killi and the Chêra Māvenkô and Mândarañchêral Irumborai of elephant look, belonged almost to the same period. With the help of the copper-plate charters of the Pāṇḍyas, viz, the Vêlvikuḍi grant and the Siṇṇamaṇûr plates and from the statement in the *Maḷuraikkāṇchi* of Mānguḍi Marudanaṇ that Neḍuñjeliyaṇ of Talaiyālaṅgāṇam fame was a lineal descendant of Palyāgāsālai Mudukuḍami-Peruvaḷudi, I have elsewhere attempted to ascribe Neḍuñjeliyaṇ to the first half of the 7th century A.D. If Killi, referred to in the *Kôyilolugu*, is identical with any of the kings bearing that name, who are contemporaries of Neḍuñjeliyaṇ, it is quite evident that he must belong to the same age.

According to Maṇimēgalai, the Chôla king Vemrivêṇ-Killi, whose identity with any of the kings named above is not certain and who probably belongs to an earlier age, married a Nāga princess called Piliḷai, the daughter of Vaḷaivaṇaṇ and became the father of a child who, it is said,

⁹ The meaning of the word *tuñjina* is 'who died.'

¹⁰ *Vaḷavan* is a synonym for the Chôla.

¹¹ *Valudi* is a synonym for Pāṇḍya.

¹² Kôṇḍu is a territorial division in the Pudukkôṭṭai State. During the time of the later Chôlas, it was called *Kaḍal-aḍaiyāḍu-Ilaṅgai-konḍa-Chôla-Vaḷmaḍu*.

¹³ *Sēṇṇi* is a synonym for Chôla.

escaped a sea disaster. There are grounds to suppose that this prince was *Toṇḍaimāṇ Iḷandiraiyaṇ*, the ancestor of the Pallavas of Conjeeveram. This account is interesting, as it shows the connection between the Chôlas and the ancient Pallavas who had by this time advanced southwards and established a dominion near Conjeeveram. Evident traces of the rule of the Killis in the Tanjore and Trichinopoly districts exist in such names as *Kiḷiṇālūr*, *Nalaṅkiḷinallūr* and *Kiḷikudi*, etc. The abbreviated form of Killi in the first two names supports the supposition that Kili is only a shortened form of Killi.

We cannot ignore the fact that the Pallavas had extended their sway into the Trichinopoly and Tanjore districts in ancient times. The inscription of the Pallava king Mahēndravarmaṇ in the upper rock-cut cave at Trichinopoly, the ancient names of villages such as *Simhaviṣṇu-chaturvêdimaṅgalam*¹⁴ and *Mahēndramaṅgalam*¹⁵ and the structural monument of the Pallavas discovered at Tiruppaṭṭūr¹⁶ amply bear testimony to this fact. It is not, therefore, unreasonable to expect the mention of some of these Pallava sovereigns in *Kôyilolugu*. Râjamaḥendra referred to in the book is perhaps identical with Mahēndravarmaṇ. It is inexplicable why he is called a Chôla, except by supposing that the connection between the Chôlas and the ancient Pallavas which we have already noticed in the legend about *Toṇḍaimāṇ Iḷandiraiyaṇ*, led the author of *Kôyilolugu* to regard this king as a Chôla. Among the Chôlas described in Tamil literature, there is none bearing the name Nanda-Chôla. Nor does this name occur in the genealogy of the Chôlas given in stone inscriptions and copper-plate grants of that branch of the revived Chôla kings who ruled from their capital at Tanjore. But in the Telugu districts of the Madras Presidency have been discovered a number of inscriptions which belong to an earlier line of the same family who trace their descent from Karikâla. Here, a sovereign called Nandivarman actually figures and he might be the person referred to in the *Kôyilolugu*.

A short note on the date of the three Âḷvars will not be out of place here. Tirumaṅgai's notice of the military achievements of Nandivarman Pallavamalla, in his hymn on Paramēśvaravinṇagar is very well known. Rai Bahadur Venkayya has shown that this Vaishṇava saint was a contemporary of the Pallava king Vayiramēgan whom he identifies with Dantivarman, the immediate successor of Nandivarman. The date thus arrived at for the saint is the last quarter of the 8th century A.D. *Kôyilolugu* makes Madhurakavi and Nammâlṽr contemporaries of Tirumaṅgai. Nammâlṽr appears to have been elder to Madhurakavi who is expressly stated to have set up an image of the former at Tirunagari. This statement is against what is said in the *Guruparamparâ-prabhâva*, where the relationship between Madhurakavi and Nammâlṽr is stated to be that of preceptor and disciple. Madhurakavi Âḷvar's real name was Mâraṅgâri, which we find in the Vêḷvikudi copper-plate grant, and in a stone inscription in the Narasiṃha-perumâl temple at Ânaimalai in the Madura district. In these, he is described as conversant with the *śâstras*, as a poet and as an eloquent speaker. He was a chief of Karavandapuram, bore the title *Mûvêndamaṅgalapêrariyaṇ* and was the crest-jewel of the Vaiydyā family. He was the *uttaramantrin* of the Pāṇḍya king Mâraṇjaḍaiyaṇ *alias* Neḍuṇjaḍaiyaṇ. In the third year of this king the saint was living but appears to have died sometime before A.D. 769-70, when the cave temple of Narasiṃha-perumâl at Ânaimalai was consecrated. It is thus evident that Madhurakavi lived prior to A.D. 769. If Tirumaṅgai Âḷvar was a contemporary of Madhurakavi, as stated in the *Kôyilolugu*, it is just possible that he lived during the time of Nandivarman Pallavamalla whose last date is A.D. 765 and of his successor Vayiramēgan *alias* Dantivarman. Nammâlṽr's real name was Kârimâraṇ and he was the *adhikârin* of the city of Kurugur *alias* Âḷvar-Tirunagari. The name suggests that he must have been the father of Madhurakavi, if the statement in the *Kôyilolugu*, that the latter set up an image of

¹⁴ Kañjanūr in the Tanjore district was known by this name in ancient times.

¹⁵ This village is in the Trichinopoly district.

¹⁶ This village is also in the Trichinopoly district.

Nammālvār is true; but it is against the traditional account of the Vaishnavas. At any rate, there is no doubt that the three were contemporaries and that they lived in the middle of the 8th century A.D.

The next royal person who contributed to the repairs of the Srīraṅgam temple is Chōlendra-simha. This Chōlendrasimha has not yet been identified with any of the known kings of the Chōla dynasty. But there is not the slightest doubt as to his being a historical personage. At the village of Mēlpāḍi on the western bank of the river Nūgā are two temples, at present called Chōlēsvara and Sōmanātha. The inscriptions in the former state that it was built by the Chōla king Rājārāja I (A.D. 985-1013), who named it Ariṇṇigai-Īsvara. The lithic records in the other temple designate it as Chōlendrasimhēsvara and one of them, dated in the 14th year of the reign of Rājārāja I, mentions Chōlendrasimha Māyilaṭṭi who, as his name indicates, must have been an officer under the king. From the first part of his name it can be said that Chōlendrasimha was a surname of Rājārāja I. Though there is no statement in the Mēlpāḍi records to the effect that Chōlendrasimha-Īsvara was built by Rājārāja, there is thus no doubt that the temple came into existence during his time as Chōlendrasimha was one of his surnames. In this connection it may also be noted (1) that the village of Mēlpāḍi itself was called Rājāśrayapuram after one of the surnames of Rājārāja, (2) that the two temples in the village bear records of his, and (3) that the name Chōlendrasimha does not occur in earlier records than the time of Rājārāja.

Rāmānuja and his predecessors.

When Uyyakkonḍār and Maṇakkālnambi were managing the affairs of the Srīraṅgam temple, there was a powerful invasion by one of the Gajapati kings of Orissa. When the news of it reached the island, the people removed the god Ālagiyamaṇavāla to Tirumāliṟuṅḷai and kept it there for one year. At this time, several residents of Srīraṅgam proved themselves enemies of the god and most of those who performed worship in the temple, died. Persons belonging to other creeds occupied the temple premises and built houses of their own. Worship in the temple fell into the hands of *Nambis* who were conversant in the *Vaikhāṇasa* śāstras. Under the influence of these two managers, a certain Ālavandār was induced to become a Vaishnava and entrusted with the management of the temple which he ably conducted for a long time.

The successor of Ālavandār in the office of the manager of the Srīraṅgam temple was the great Vaishnava teacher Rāmānuja. Of him the book relates a long story. He was born at Srīperumbūḍūr and was undergoing educational training under Yādavaprakāśa. When entrusted with the management of the temple, he went minutely into every account and fixed the scale of expenditure required for each occasion. In his scrutiny, he found out that the treasury was in a state of confusion and he, therefore, applied himself strenuously to organise a system for the better conduct of business. In this, he was strongly opposed by the temple servants who began to give him trouble. He was, therefore, forced to leave the place. He is said to have spent two years at Tiruveallārai where he built a tank. Coming back to Srīraṅgam, he divided the work of the temple in 10 different branches and appointed persons to carry them out. It is said that the arrangement made by him contributed largely to increase the wealth of the temple. After providing for the recitation of *Tiruvōḍymōḷi*, *Tirumōḷi* and other Vaishnava hymns in the temple, he went out on a tour to establish the superiority of the Vaishnava creed in all quarters, leaving Mudali Āṇḍāṇ in his place at Srīraṅgam. Rāmānuja soon fell out with the Chōla king who was a staunch Śaiva and whose persecutions of the Vaishnavas drove the teacher to seek shelter in the country of the Hoysaḷas. Rāmānuja is said to have been in charge of the Srīraṅgam temple for a period of 60 years prior to the commencement of his religious tour. *Kōyilolugu* also records that a certain Kulōttuṅga succeeded the Chōla king who persecuted Rāmānuja and that the new sovereign was rather favourable to the Vaishnavites.

It is interesting to note that Bitti was the Hoysala sovereign that gave Rāmānuja protection. An important event in the career of this sovereign was his conversion from the Jain faith to that of Vishṇu by the apostle Rāmānuja who had taken refuge in his territory from the persecutions of the Chōḷa king, an uncompromising Saiva. This step accompanied by a change in his name to Vishṇuvardhana, by which he is principally known, probably took place in about A.D. 1117.¹⁷ As Bitti's conversion seems to have happened not long after Rāmānuja left Śrīraṅgam on his religious tour, we may roughly assign A.D. 1057-1117 for his management of the temple. The date of the Hoysala king Vishṇuvardhana enables us to identify the Kulōttuṅga referred to in the *Kōyilolugu* with Kulōttuṅga I. In this connection it may also be noted that in an inscription of Bitti, he claims to have defeated Rājendra-Chōḷa, who must be identical with Kulōttuṅga I, because the latter called himself by that name in his earlier records. It is nowhere stated who the Chōḷa king that persecuted the Vaishṇava teacher was; but as *Kōyilolugu* makes him the predecessor of Kulōttuṅga I, we may not be wrong to identify him with Virarājendra, whose dates range from A.D. 1052 to 1062.

Hoysala Kings and Ministers.

We have now to notice some of the Hoysala kings and their ministers that are represented in the *Kōyilolugu*. To a certain Vira-Naraśiṅgarāja, the king of the Kanarese people (*Kannāḍiyarāja*) is ascribed the building of one of the *maṇḍapas* in the temple. Without more details, it is not possible to say if this king is identical with Narasiṃha II or Narasiṃha III, both of whom had interfered with the politics of the Chōḷas. Narasiṃha II rescued the Chōḷa king Rājārāja III at Sēndamaṅgalam where he was kept as a prisoner by Kō-Peruñjiṅga. As Virasōmēśvara is called the uncle of Rājendra-Chōḷa III, it might be inferred that Rājārāja III had married a daughter of Narasiṃha II, and it was probably this relationship that induced Narasiṃha II to help the other when overpowered by the Pallava general, Peruñjiṅga. The establishment of the Hoysala capital at Kaṇṇanūr, i.e. Samayavaram in the Trichinopoly district, might partly be to help the sinking Chōḷa power from the attacks of the Paṇḍyas and partly also to guard the extended Hoysala dominions. Gaṅgaiyadēva Siṅgaya-Daṇḍanāyaka, the secretary of the Hoysala king (*Pratāpachakravartin*), is said to have improved or constructed the sacred hall (*ārōgyaśālai*) and the covered enclosure (*tirunadaimlīgai*) round the temple. In an inscription of the 23rd year of Virasōmēśvara, mention is made of a certain Siṅgaṇa-Daṇḍanāyaka who might probably be identical with the person referred to above. The construction of the thousand-pillared *maṇḍapa* in the temple was begun prior to the time of Jaṭavarman Sundara-Paṇḍya I, by a certain Perumāle-Daṇḍanāyaka who was an officer under Kampaya-Daṇḍanāyaka. From an inscription¹⁸ at Mannārguḍi in the Tanjore district, we know that Kampaya-Daṇḍanāyaka was the minister (*pradhāni*) of Vira Sōmēśvara and that he set up an image of a god in the Kailāsanāthasvāmin temple at the place in the 26th year of the king. It is interesting to note that another officer of the same king was Appaṇṇa-Daṇḍanāyaka who figures in a record at Tirumaiyām in the Pudukkōṭṭai state¹⁹ where he is styled as the conqueror of Kāṇa-nāḍu. The Tiruvēndipuram record shows that this general was originally in the employ of Narasiṃha II.

Kōyilolugu next registers the fact that Kampaya-Daṇḍanāyaka, the minister (*pradhāni*) of Pratāpachakravartin Rāmanāthadēva, a descendant in the line of Ballāḷa contributed very largely to the additions and repairs. The *maṇḍapa* in front of the shrine of Paravāsudēva, that in front of the goddess and the shrines of Sudarśana-Perumāḷ and Lakshminārāyaṇa, as well as several other minor works, are attributed to him. Certain improvements are also ascribed to the minister's elder brother, Kariyamāṇikka-Daṇḍanāyaka.

¹⁷ I have extracted this from Mr. Bice's *Mysore*.

¹⁸ No. 97 of the Madras Epigraphical Collection for 1897.

¹⁹ Annual Report on Epigraphy for 1907, p. 69.

Stone inscriptions of Vīra-Rāmanātha have also been found at Srīraṅgam. The date of his accession to the throne had been fixed at A.D. 1255 from the fact that one of his Kaṇṇanūr records couples the 17th regnal year with the cyclic year Prajāpati. One of the inscriptions of Rāmanātha at Srīraṅgam is dated in his second year (= A.D. 1257), and this had been taken to show that the defeat inflicted by J. Sundara-Pāṇḍya I, on Vīrasōmēśvara in A.D. 1255, had no lasting effect. It is worthy of note that Kampaya-Daṇḍanāyaka served both under Vīrasōmēśvara and his son, Rāmanātha.

Jaṭavarman Sundara-Pāṇḍya I.

We have now to notice the works of another and a more important person. This is Sundara-Pāṇḍya who, as his name indicates, was a Pāṇḍya king. *Kōyilolugu* says of him that he defeated the Chēra, Chōḷa, the Vallāla (*i.e.*, the Hoysalas) and others, assumed the *biruda* 'who took every country' and made munificent gifts from the immense booty that he had obtained from the vanquished sovereigns. As agent to the royal donor, Pallavaṇ Viḷupparaiyaṇ Kariyamāṇikkāṇ, a native of the Pāṇḍya country, effected innumerable repairs and additions to the Raṅganātha temple. Construction of several *tulāpuruṣa maṇḍapas* and the completion of the work in the thousand-pillared *maṇḍapa*, already referred to, are ascribed to Sundara-Pāṇḍya and it is also said that the festival conducted in the latter place thenceforward came to be called after him. The king caused to be made two gold images, one of Nīlāṁśai *alias* Sērakulavalli which he set up on the southern side of the flower-*maṇḍapa* and the other was of the god but was called Poṇṇēynda-Perumāḷ, after the donor. It was set up in the stone shrine or strong room on the eastern side adjoining the *Santāna-maṇḍapa* of *Periyatiruvāḍi*. It is said that the donor originally wanted to present an image of himself in gold under the name Poṇṇēynda-Perumāḷ, but finding that the temple authorities did not very much relish this idea, he had to abandon it and shape the image after the deity. He made presents of jewelled ornaments and coat of gems to the gods Periya-Perumāḷ and Aḷagiyamaṇavāḷa; a coat of gems to Tiruvananthālvār; ornaments of ruby (*māṇikkam*) and diamond (*vayiram*), a coat and crown of gems, a garland of ruby (*māṇikkam*), a necklace of lotuses, a garland of gold *Senbaga* flowers, another of *Kalunīr* flowers in gems, a cloth of gold and various other ornaments to Periya-Perumāḷ. He then caused to be covered with gold-plates several parts of the temple; erected a gold flag-staff; presented tubs, lamp-stands and dishes, all made of gold; caused to be dug up a spring in the Kāvēri for the bathing of the god; made a gold boat for the pleasure-roving of the god and his consorts; provided richly for the sacred offerings in the temple and presented gold cars, *etc.* Sundara-Pāṇḍya is said to have expended 18 lakhs of gold pieces for covering the temple with gold plates and another 18 lakhs for other purposes and thus acquired the name 'he who covered the temple (of Srīraṅgam) with gold.'

The title *Emmaṇḍalamuṇḍa*, given in the book to Sundara-Pāṇḍyadēva, enables us to identify him with Jaṭavarman Sundara-Pāṇḍya I, the date of whose accession fell in A.D. 1251. He appears to have reigned until at least A.D. 1271.²⁰ In the historical introduction of this king, he styles himself as the ornament of the race of the Moon, *i.e.* the Pāṇḍya, the Mādhava of the city of Madhura, the uprooter of the Kēraḷa race, a second Rāma in plundering the island of Laṅkā, the thunderbolt to the mountain—the Chōḷa race, the dispeller of the Karṇāṭa king, the fever to the elephant Kaṭhāka king, *i.e.* (the Gajapati) king of Cuttack (in Orissa), the jungle fire to the forest Vīraṅgaḍagōpāla, the lion to the deer Gaṇapati (*i.e.* the Kākatiya king Gaṇapati), who was the lord of Kāñchī, who performed the anointment of the victors at Vikramasiṅgapura, *i.e.* Nellore. He is said to have taken Srīraṅgam from the Moon of the Karṇāṭa which means the Hoysala Vīrasōmēśvara. That the latter's capital, Kaṇṇanūr, *i.e.* Samayavaram, was amongst his possessions

²⁰ No. 198 of the Madras Epigraphical collection for 1903.

has been surmised from the fact that he issued a grant from that city. Inscriptions of his reign are found from the distant Nellore to the extreme south, and point unmistakably to the vastness of his empire. Sundara-Pāṇḍya's conquest of the Hoysaḷa king Virasômṭśvara and the capture of his new capital, Kaṇṇaṇūr, must have left him in possession of the Koṅṅu country and what surrounded Trichinopoly. The victory over the Chôḷas and Vīraṅḍagôpāla should have brought almost the rest of the Tamiḷ districts under his sway. The subjugation of the Gajapati king of Cuttack in Orissa and the Kākatiya sovereign, Gaṇapati, should have secured the Telugu country for the invincible conqueror. His performance of the anointment of the victors at Vikramasingapura, *i.e.* Nellore, is of the greatest significance in history, as it shows that not only the southern portion of the Presidency but the north as well acknowledged his supreme power. Jaṭāvarman Sundara-Pāṇḍya I. may thus be regarded as the greatest Pāṇḍya sovereign, as his dominions reached the utmost limit of expansion. In this connection we may note the remark made by the Muhammadan historian that 'Ma'bar (the name by which the Pāṇḍya country was known to the Muhammadans) extends from Qulam, *i.e.* Quilon, to Nilawār (Nellore), nearly 300 *pharasangs* along the sea-coast; and in the language of the country, the king is called Dewar which signifies that he is the lord of the Empire.²¹ Jaṭāvarman Sundara-Pāṇḍya I. seems to have issued coins bearing several legends. Some at least of those with the inscription Sundara-Pāṇḍya are his. Dr. Hultzsch has adduced grounds to show that coins bearing the legend *Ellāṇḍalaiyānān*²² belong to him. Mr. Tracy has secured a coin which contains the characteristic emblem of the Pāṇḍyas, *viz.*, the double fish on the obverse side, while the reverse bears the legend *Kōḍaṇḍarāma*. There are reasons to suppose that this coin is one of Jaṭāvarman Sundara-Pāṇḍya I's. In his historical introduction, the king calls himself *a second Rāma in plundering the island of Laṅka*. There are also stone epigraphs of the same sovereign which provide for festivals called *Kōḍaṇḍarāman-śandi*, and these declare that the festivals were so named after the king himself. Nothing could be more convincing than the two grounds here set forth for the identity of the *Kōḍaṇḍarāma* of the coins with Jaṭāvarman Sundara-Pāṇḍya I. A great conqueror as he was, there is nothing fabulous in the estimate of his munificent gifts to the Śrīraṅgam temple.

The next royal personage referred to in the book is Kulōttuṅga. There were three kings of this name and it is not possible to say which of them is alluded to here.

Muhammadans advance on Śrīraṅgam.

On page 44, *Kēyilōḷugu* registers the fact that in Saka 1149 expired Akshaya-saṁvatsara, the Muhammadans (*tulukkar*) took hold of Toṇḍai-maṇḍalam and advanced southward passing Samayavaram (on their way). Consternation prevailed when the news of this reached the temple authorities at Śrīraṅgam. Śrīraṅganātharāja, who was then in charge of the affairs of the temple, is said to have ordered that the 12,000 images in the *Tiruvōlakkam* should not be disturbed. To save them and the temple treasure from the destruction and plunder of the invading iconoclasts, a stone structure covering the particular spot was ordered to be erected. Some of the important deities and part of the treasure of the sacred place were sent away to the south. As apprehended, the Muhammadans entered the Raṅganātha temple, mutilated and destroyed such of the images that they came by.

The same event is referred to on page 61 where Saka 1249 coupled with the cyclic year Akshaya is assigned to it instead of 1149. It may be noted that the cyclic year Akshaya regularly corresponds to Saka 1249 but not to Saka 1149. The latter is, therefore, an evident mistake.

²¹ Sir W. H. Elliot's *History of India*, p. 32.

²² The legend of *Ellāṇḍalaiyānān* in Nos. 133 and 137 of Sir Walter Elliot's collection has been misread as *Samarakōṭāhala* but appears to have been subsequently corrected.

God Aḷagiyamaṇavāla was removed by way of Jyōtishkuḍi where they kept it for one month, Tirumāliṟuṇjōlai near Madura where it was kept for one year, Kḷikkōḍu in the Malayālam country where it was kept for one year and whither several deities from other parts of the country had also been removed, Tirukkaṇāmbai, Puṇḡaṇṟ, Tirunārāyaṇapuram (*i.e.* Mēlakōṭe) where it was kept for a long time and finally to the hill at Tiruvēṅgaḍam (*i.e.* Tirupati). In the last place it was worshipped for several years until Śaka 1293.

It is worth while to note here what Dr. Burnell says about the advent of the Muhammadans in Southern India. "About the year A. D. 1311 (Nelson says A. D. 1324, but does not give his reasons) the Musalmans under Malik Kafur conquered Madura and held the country for 48 years. Kampaṇa-Uḍaiyar and his successors conquered and held both the Pāṇḍya and the Chōla countries till towards the end of the century when gradually the whole of the South of India fell under the sovereignty of Vijayanagar (A. D. 1370)"²³. Though Malik Kafur's invasion of the Dekhan took place about A. D. 1310-11, yet it is reasonable to suppose that some time elapsed before the Musalmans could go so far south as Madura or Trichinopoly. Mr. Nelson's view that the Muhammadans entered Madura about A.D. 1324 seems to get some support from *Kōyilolugu* which places the event at A. D. 1327. Dr. Burnell's statement that about A. D. 1370 the whole of Southern India fell under the sovereignty of Vijayanagar is completely borne out by the book under reference which assigns the reconsecration of god Aḷagiyamaṇavāla in the Śrīraṅgam Temple to Śaka 1293.

Vijayanagara Kings.

Kōyilolugu records that, by the influence of Vidyāranya, the city of Āṇaigondi, where the Rāyas had established a dynasty, grew in importance. This statement is completely in accordance with the stone inscriptions. The first great sovereign of the Vijayanagara dynasty who added greatly to the dominions was Harihara I (Śaka 1261-1271). In his reign flourished the highly learned Vidyāranya also known by the name of Vidyātīrtha and Bhāratitīrtha Śrīpāda, who in a record at Srīṅḡeri is said to have been greatly instrumental in founding the dynasty. This inscription registers that in order to celebrate the victorious establishment of his empire from the eastern to the western Ocean, Harihara with his five brothers made a grant of nine villages to the *maṭha* at Srīṅḡeri in Śaka 1268, Pārthiva.

Continuing, the book relates that during the reign of Harihara II, Toṇḍai-maṇḍalam was conquered. One of the officers, of this king named Goppaṇa-Uḍaiyar who was residing at Seṇḡi (in the South Arcot District) visited Tirupati to worship the god and under orders from the lord of Chandragiri he went and resided with him for some time. Goppaṇa then removed the image of Aḷagiyamaṇavāla from Tirumalai (*i.e.* Tirupati) to Śīṅgapuram near Seṇḡi. He marched against the Muhammadans with a strong force and defeated them completely. In Śaka-saṁvat 1293, the Paridhāvi-saṁvatsara, on the 17th solar day of the month of Vaiśākha, Goppaṇa brought back the image of Perumāḷ to Śrīraṅgam and reconsecrated the god and his consort (*Nācchiyār*). He engraved on the outer portion of the east side of the temple wall (built by Dharmavarman) the following verse:

आनीया नीलशृंग (published in *Ep. Ind.*, Vol. VII).

Goppaṇa-Uḍaiyar also granted to Uttamanambi for the benefit of the temple, 52 villages, the income from which amounted to 17,000 gold pieces. A certain Guṇḍu Sāḷuvaiya who accompanied Goppaṇa to Śrīraṅgam cast in bell-metal the plate of the flag-staff and set it in place of the gold one which the Muhammadans had destroyed. At the instance of prince Viruppaṇa-Uḍaiyar, son of king Harihara II, Uttamanambi built a *tulāpuruṣa-maṇḍapa* to the east of the

²³ Mr. Sewell's *List of Ant.* Vol. I. p. 284.

flag-staff. Viruppaṇa-Uḍaiyar performed here his *talābhḍra* ceremony. The gold presented on this occasion, together with what was given when Harihara performed the same ceremony, the gilding of the *vimāna* of Kuṭṭikkōyil and the present of 9 gold vessels, form the rich gifts of the time. When Uttamanambi was managing the affairs of the temple at Srīraṅgam, the Vijayanagara empire was ruled by no less than three kings. The names of these and those of their chief ministers are mentioned on p. 47. Here we find that during the 15 years from Śaka 1304 expired, Rudhirōdgāri-Samivatsara, Uttamanambi went to Vijayanagar four or six times and received rich donations and endowments at the hands of Harihararāya-Mahārāya, Viruppaṇa-Uḍaiyar, Gōpaṇa-Uḍaiyar, Muttaya-Daṇṇāyaka and Aṇṇar-Goppaṇar, the chief officer who executed the orders of Sōmaya-Daṇṇāyaka who was the minister of Kampaṇa-Uḍaiyar.

The dates of Kampaṇa II range from Śaka 1283 to 1296, those of Harihara II, from Śaka 1299 to 1324 and of the latter's son Viruppaṇa II, from Śaka 1301 to 1322. In the first place it is necessary to note that according to *Kōyiloḷugu* Aṇṇar-Goppaṇar and Goppaṇa are two different persons. A record of Kampaṇa II, found at Daḷavāṇūr, not far from Gingi in the South Arcot district, is dated in the cyclic year Subhakraṭ (=Śaka 1285) and registers an order of Śāḷuva Maṅgu issued in accordance with a letter from Aṇṇar-Goppaṇar. It is evident from this that Aṇṇar-Goppaṇar was an officer under Kampaṇa-Uḍaiyar. Mr. J. Ramayya Pantulu draws attention to a statement in the Telugu work, *Jaimini Bhāratam*, which credits this Śāḷuva Maṅgu with successes obtained for a certain Sāmparāya in his battles with the Sulṭān of the South. The above fact coupled with what has been said of Goppaṇa-Uḍaiyar that he gained victories over the Muhammadans shows that the Bahmāni kings were a source of trouble during this period and that they were put down by the power of the Vijayanagara kings. Among the persons who took an active part in the war against the Muhammadans, we may mention Goppaṇa, Śāḷuva Maṅgu and Guṇḍu Śāḷuva. We have made a short notice of the first two, and it will be useful to note what we know of the last member who appears to be identical with Śāḷuva Maṅgu's father. Guṇḍu was the general of Kampaṇa (Śaka 1283-1296) and his exploits are described in the following terms in a stone inscription discovered in the Mysore State:—'Into the flames of his valour the *Yavana*, the *Turushka* and the *Āndhra* hostile kings, fell like moths. Dragging the elephant-like *Sāipa*, *Patheya* and other proud *turushkas* along by their hair in battle, he tied them up in his stables like monkeys'²⁴. At Tiṭṭakūḍi there is an inscription²⁵ of Kampaṇa II, dated in Śaka 1295, Paridhāvi, which registers gifts made by Sōmayya-Daṇṇāyaka. An Achechararapākkam record (No. 250 of 1901) of the same king mentions both Goppaṇa and Sōmappa as the ministers of the sovereign. There is little doubt as to the identity of Sōmappa of this inscription with Sōmayya; and Goppaṇa is probably identical with Goppaṇa-Uḍaiyar. Muddaya-Daṇṇāyaka referred to in *Kōyiloḷugu* is probably the same as Mudda-Daṇḍādhipa mentioned as donor in a record of Harihara II, found at Harihar (No. 142 of 1899). Another variant of his name occurring in inscriptions is Muddapa. He was the minister of Bukka I (Śaka 1274-1298) and continued to hold the same office under Harihara II (Śaka 1299-1324)²⁶.

According to *Kōyiloḷugu*, there was some dispute between the Saivites of Jambukēśvaram and the Vaishnavites of Srīraṅgam between the Śaka years 1294 and 1297. The management of the Srīraṅgam temple, in the interval between Śaka 1304 and 1319, when Harihara II and his son Viruppaṇa were ruling at Vijayanagar, was in the hands of Periya-Kṛishṇarāya Uttamanambi. At the instance of Harihara II, he made an ivory cot and a fine bed for the god, and placed them in the *maṇḍapa* of Aḷagiyamaṇavāḷa. At this time, Nāgamaṅgalam Aṇṇappa-Uḍaiyar gilded the pillars of *Amudu-maṇḍapa* and covered with silver-plates the plank on which food was served and distributed to the temple servants. Timmarāhuttarāya, the agent of Śāḷuva Gōpālarāja also contributed his mite of gilding. During the three years, *viz.*, Śaka 1319-1322, a certain Vēdāryabhaṭṭa

²⁴ *Epigraphia Carnatica*, Hassan-district.²⁵ No. 13 of 1903.²⁶ *Epigraphia Carnatica*, p. xxix.

looked after the temple affairs. His arrogance and gross mismanagement led Viruppanṇa-Uḍaiya to interfere. The following verse states that a certain Gōpaṇa Timmarāja was sent from Vijayanagar to depose Vēdārya and to invest Meynilaiyiṭṭa Uttamanambi with powers to manage the temple affairs which he performed satisfactorily till Saka 1340, Vikrama-Saṁvatsara.

अमिच्छकाब्देनवलोकभाजिविकारिणीद्युत्तमनम्बिनः । वेदार्थभट्टादुरितिस्मराजोवितार्थभट्टसमयं तथा महीत् ॥

The next Vijayanagara king represented in the book under review is Bhūpati-Uḍaiyar. The copper image of Garuḍa set up by a Chōḷa king in former times having been mutilated, a fresh one was made in its place. This fact is recorded in the following stanza:—

मन्मथवर्षे ज्येष्ठे रविवारे स्वतीतारे । श्रीचक्राय विभुना श्रीमान्गरुडः प्रतिष्ठितो भूयै ॥

The shrine of Śrī-Rāma, which was also built by a Chōḷa king, was now repaired and the image of Sūḍikkudutta-Nāchchiyār was placed in it. A kitchen was newly constructed to this shrine. Repairs of those parts of the temple which had suffered damage at the hands of the iconoclasts as well as certain additions are attributed to Chakrarāya who appears to have executed them at the instance of the king. In honour of the king's birthday a festival was also conducted in the temple on the day when Punarvasu was the nakshatra, the month Tai and the year Manmatha. It is said that on this occasion the goddess was taken round the town in a car. The cyclic year Manmatha fell in Saka 1337. Two kings are known by the name of Bhūpati Uḍaiyar. One of them was the son of Bukka II, while the other was the father of Dēvarāya II. As the dates of both range from Saka 1331 to 1343, it is not easy to say which of them is referred to in the *Kōyilolugu*.

In Saka 1343 expired, Plava-Saṁvatsara, Ellainilaiyiṭṭa Uttamanambi went to Vijayanagar, pleased Gejavēṭṭai Pratāpadēvarāya, received several *birudas* from him, secured for his younger brother Chakrarāya, the seal of the great Rāya (*i.e.*, the Vijayanagara king), performed a tour of pilgrimage to important centres of worship, returned to Srirāṅgam and resided there scrutinizing the accounts relating to the villages granted to the temple, until the cyclic year Promōdūta corresponding to Saka 1345. The king here referred to is Dēvarāya II, son of Vīravijaya *alias* Vijaya Bhūpati. Most of his inscriptions furnish him with the title 'who witnessed the elephant hunt.' As the dates of this sovereign range from Saka 1343 to 1368, Uttamanambi's visit to the court of Vijayanagar appears to have taken place soon after his coronation.

In Saka 1347, Bhūpalarāya was the Vijayanagara sovereign. This king must be identical with Śrīgiri Bhūpāla whose copper-plate grant dated in the same year is published in *Epigraphia Indica*, Vol. VIII, pp. 306 ff.

Troubles with the Śāluvas.

Tirumalainātha Uttamanambi went to Vijayanagar in Saka 1366, Raktākshi-Saṁvatsara and in Saka 1374 Prajāpati during the reign of Praudhadēvarāya Mallikārjuna and received a grant of 22 villages for the temple. He effected certain repairs, constructed the hundred-pillared *maṇḍapa* and bathed the god with 1,000 pots of water. At the instance of the Vijayanagara officer (Daṇṇāyaka), the same person built a shrine to Hanumat. A certain Kamparāja was sent in Saka 1380, Pramādhī, to Trichinopoly to put down the power of Śāluva Tirumalairāja who appears to have tried to assert his independence and in Saka 1383 expired, Chitrabhānu, he executed extensive gilding work at a cost of 1,600 *palam* of gold. About the same time Jannaya-Nāyaka set up on one of the *gōpuras*, the image of the *dvādrupālakas* which had been mutilated by the Muhammadans. Two years after this, Śāluva Tirumalairāja contended that he must be left in undisturbed possession of the Trichinopoly district and this was the cause of quarrel between him and Kamparāja. The people of the Southern and Northern banks (of the Kāvēri) the members of the *saḥḥā* (village assembly), all the country-men and ryots gathered together, destroyed the *śimai* and lived for 12 years (*i.e.*, from Saka 1380-1392) in the hundred-pillared *maṇḍapa* of the temple and outside of

the town. Finally, in Saka 1392 expired, Khara, Śāluva Tirumalairāja established himself firmly over Trichinopoly and the Taṇḍalsīmai. In the *maṇḍapa* of Aḷagiyamaṇavāla, he raised a platform in sandal-wood and made an ivory bed to the god. Mallidēvanputtūr is said to have been granted by a certain Anṇappa-Uḍaiyar in Rudhirōdgāri-Samvatsara corresponding to Saka 1385. And in the same year, Anḍappa-Uḍaiyar Tirumalaitandār granted Guḍiyālam village to the temple and Nāgarasa-Uḍaiyar built the enclosure wall of the shrine of the goddess.

At Srīraṅgam there is a stone inscription²⁷ of Śāluva Tirumalai rāja dated in Saka 1385 expired, Subhānu, which may, in all probability, refer to the chief against whom Kamparāja was sent. Another record of the same ruler dated three years earlier, *i.e.*, in Vikrama is found at Tirukkāṭṭupalli.²⁸ About the first of these records, Dr. Hultsch remarks that he is identical with the Tuluva king Timma, the founder of the second dynasty of Vijayanagar, as in the Sanskrit verses at the end of the inscription the king is called Gōpa-Timma.²⁹ The Gaṅgaikoṇḍachōlapuram record³⁰ of Virūpāksha III dated in Saka 1405, Subhakṛit, mentions Tirumalairāja and this is perhaps the latest reference to Śāluva Tirumalairāja. The inscriptions of the Śāluva king Tirumalai discovered in the Trichinopoly district and his final triumph in asserting his independence prove the weakness of the Vijayanagara sovereign of the day and the growing importance of the Śāluvas who in the end overthrew the Central Government.

Śāluva Usurpation.

Kṛishṇarāya Uttamanambi, the younger brother of Tirumalainātha Uttamanambi came to manage the affairs of the temple in Saka 1409 expired Plavaṅga. He secured as many as 20 villages from persons like Eramañchi Timmappa-Nāyaka and contributed his share of the repairs to the temple. Vira-Naraṣiṅgarāya defeated Praudhadēvarāya in Saka 1409, Saumya, and ruled the Vijayanagara kingdom with Kaṇigiri³¹ as his capital. Rāmarāja, the elder brother of the conqueror and a learned scholar, obtained from him an order to the effect that the 108 sacred places of the Vaishṇavas should be under his sway. He went to Srīraṅgam where he received the name Kandāḍai Anṇaṇ. At this time Kōṇḍērīrāja, who succeeded Śāluva Tirumalairāja in the Government of the Trichinopoly district (*śīmā*) favoured the people of Tiruvānaikkāval, gave away the temple villages to Kōṭṭai-sāmantan Sennappa-Nāyaka, extracted *puravari*, *kāṇikkai*, *paṭṭu*, *parivaṭṭam* and such other taxes and caused much annoyance to the temple authorities at Srīraṅgam. When the matter was repeatedly reported by Kandāḍai Rāmānuja to Narasā-Nāyaka, the latter came with a large army, put down Kōṇḍērīrāja and took away the charge of the district from his hands. Narasa then got back to the temple those villages which it had been dispossessed of, remitted the newly imposed taxes, and removed all the grievances of the people. Some persons, being unable to bear the oppression of Kōṇḍērīrāja, mounted up the *gōpura* and put an end to their lives by falling from it. The images of these were set up on the *gōpura*. As brother of the king and partly also on account of his good works, Kandāḍai Rāmānuja was treated with great respect. The number of villages got back to the temple from Sennappa-Nāyaka and others was 63. Two years after, *i.e.*, in Saka 1413, Virōdhikṛit, a few of the *dēvadāna* villages were sold away to put right Rājamahēndran-tiruvāsai, which had suffered considerable damage by the fall of a thunderbolt during the commotion caused by the Muhammadan invasion.

Narasā-Nāyaka's action in the Trichinopoly district receives confirmation from other sources. It is well expressed in the following extract from Mr. Sewell. "The glorification attached to the name of Saṅgama coincides with that ascribed in a subsequent period to the then sovereign Narasa and it was probably a formula. It states that he worshipped at Rāmésavaram, built a bridge over

²⁷ No. 59 of the Madras Epigraphical collection for 1892.

²⁸ *Annual Report on Epigraphy for 1892*, p. 9.

³¹ This place is in the Nellore district.

²⁹ *Ibid* for 1897.

³⁰ Mr. Sewell's *List of Antiquities*, Vol. I, p. 265.

the Kāvêri, crossed it, defeated his enemy, and captured Srīraṅgam." The statement that Vīra-Narasimha defeated Praudhadēvarāya is not new to history. Mr. J. Ramayya Pantulu in his article on the Dēvulapalli plates of Immaḍi Nṛisimha sums up the events of this period as narrated by the Portuguese chronicler Nuniz. "According to Nuniz, the following are briefly the circumstances that led to the downfall of the *first* and the accession of the *second* dynasty. The last great king of the first dynasty was Dēvarāya II who ruled till about A. D. 1449. The next 40 or 50 years saw no less than five sovereigns. All of them were weak and imbecile. The last of them, whom Nuniz calls '*Padea Rao*,' seems to have been the worst of the lot. And in his time the empire declined even more than in the time of his four immediate predecessors. It occurred to Narasimharāya, who was the principal minister and general of the state, that a change of sovereign was necessary to prevent the kingdom from falling a prey to its hereditary enemy, the Bahmānī kings. And with the consent and support of the other generals and ministers, he seized the throne and kingdom, allowing the king to make his escape." As regards the date of the usurpation by Narasymgua, the same writer remarks "there are no means of fixing the exact year of the usurpation; but this event must be placed between the Śaka year 1408 (= A. D. 1486-7) which is the latest known date of the first dynasty and Śaka 1418, Rākshasa (= A. D. 1495-6) which is the earliest known reliable date of Immaḍi Narasimha." Narasymgua of Nuniz has been identified with the Śāluva king Vīra-Narasimharāya. The statement in the *Kōyilolugu* that Vīra-Narasimharāya defeated Praudhadēvarāya places beyond all possible doubts the identity of Nuniz's '*Padea Rao*' with Praudhadēvarāya. It is also worthy of note that the date of the first usurpation by Vīra-Narasimharāya took place some time before Śaka 1411, if not in that year. An inscription of Vīra-Narasimharāya has been found at Varichchiyār in the Madura district. That Vīra-Narasimharāya prior to his obtaining the Vijayanagara throne was in the service of the last kings of that dynasty may be gathered from several stone records. He figures in an inscription of Śaka 1390 when Rājasēkhara-Mabārāja son of Mallikārjuna was king. His general Narasā-Nāyakka who put down the power of Kōnērirāja, usurped the Vijayanagara kingdom on the death of Vīra-Narasimharāya. And his records are found in the Madura and Trichinopoly districts, and establish in a way his conquest and the extent of his dominions. Sennappa-Nāyakka is perhaps identical with Sennayadēva who figures in No. 4 of the Madras Epigraphical collection for 1896. It may be noted here that after Immaḍi Narasimha, Kṛishṇarāya and Achynta had sway over the Trichinopoly district. It was during the time of these kings that the Nāyakas of Madura got more or less independent power; but it may be said that they acknowledged the central authority of the Vijayanagara kings.

The Nāyakas of Madura.

In Śaka 1420, Trichinopoly and Madura were under the rule of Viśvanātha-Nāyakka. A certain Narasimha-Dēsika, son of Vāthūladēsika, with the help of the Nāyakka presented several gold vessels and gave three lakhs of gold (pieces) in addition. In Śaka 1447 during the rule of Kṛishṇappa-Nāyakka, he presented many jewels to the god and built steps on the southern bank of the Kāvêri. As agent to Kumāra Kṛishṇappa, the same individual made for the god a coat of jewels and a crown at a cost of 1,50,000 gold pieces. In Śaka 1500, Muttu-Virappa-Nāyakka was ruling. Now Uttamanambi and Bhaṭṭar Tirumalāchāri quarrelled and the Vijayanagara king (*rāyar*) sent an army against Trichinopoly, which was encamped at Tōgūr, perhaps identical with the village of the same name near the Grand *Anicut*. Raghunātha-Nāyakka was the Rāyar's agent. The treachery of Uttamanambi led to the captivity of Bhaṭṭar Tirumalāchāri, who was removed to the *Durgam* and kept there for six months until redeemed by a Redḍi on payment of a ransom of 20,000 gold pieces. The famous Gattivāl-Nāyakkan flourished during this period. After Muttu-Virappa, Tirumalai Sauri, perhaps Tirumalai-Nāyakka, visited Srīraṅgam.

This is the account given in the *Kōyilōḷugu* of the Nāyakas of Madura and their connection with Srīraṅgam. The dates furnished here appear to be incorrect. Stone and copper-plate inscriptions hitherto discovered prove the correctness of the chronology as given in Mr. Sewell's *Lists of Antiquities*, Vol. II, p. 200, for Muttu Kṛishṇa, Muttu Vīrappa Tirumalai-Nāyakka, Muttu Vīrappa II, or Viśvanātha IV, and Chokkanātha. Muddu-Kṛishṇa's line seems to have become extinct and it was only that of Viśvanātha III. that continued to the 18th century, as several records call Muttu-Vīrappa and his brother Tirumala the sons of Viśvanātha III. For an account of the origin of the Nāyakas, see *Annual Report* on Epigraphy for 1909. Mr. Moore in his *District Manual*, p. 126, states that up to Viśvanātha's reign Uṛaiyūr was the capital of the country, and that he, if he did not found Trichinopoly, at all events fortified and enlarged it. Mr. Sewell adds that the fort at Trichinopoly was strengthened by Kṛishṇappa *alias* Periya-vīrappa, and Viśvanātha II, that perpetual fighting occurred during this period and that this district was the scene of constant bloodshed and strife. It is to Viśvanātha that the town and rock of Trichinopoly owes much of their present grandeur and importance. Though *Kōyilōḷugu* stops with the mention of Tirumalai-Nāyakka, there are evidences of the rule of his successors over Trichinopoly. The present Taluk Katchery buildings are popularly ascribed to M. āgammāl and a copper-plate of her time registers gifts to the Srīraṅgam temple.

NADOL PLATES OF THE MAHARAJAPUTRA KIRTIPALA OF VIKRAMA SAMVAT 1218.

BY PĀNDIT RAM KARNA, JODHPUR.

THE inscription has been edited by Prof. Kielhorn,¹ but as will be seen from the transcript subjoined and the photo-litho accompanying it, his transliteration was not correct in many respects. Besides, he was not able to identify the various places mentioned in the inscription. It, therefore, stands in need of being re-edited.

The plates are in the possession of the *pañchāyat* of the village of Nāḍōl in the Dēsūrī (Gōḍwār) district of Mārwar, although they relate to a Jaina temple at Nāḍlāi, a village in the close vicinity of Nāḍōl. It is a rule rigorously observed by this *pañchāyat* that unless all the members of it are present, the room wherein these plates are deposited is not to be opened. Fortunately, all the members were present at Nāḍōl, except one, when I visited it in company of Mr. D. R. Bhāndārkar in 1908. The one absent had but gone to a village close by. He was called back and the plates were shown and impressions taken.

The account of its contents has been ably given by Prof. Kielhorn, and stands in no need of being modified or amplified except in two respects. In line 12 is mentioned the name of Alhana's queen, Annalladēvi, whose father, according to Prof. Kielhorn's reading, was Aṇahula of the Rāshṭraṇḍa race. But, as will be seen from the photo-litho, the name is distinctly written Sahula, and not Aṇahula. Secondly, Prof. Kielhorn was unable to identify the twelve villages specified in the inscription, except two. But, all the places except one can be identified. They are Naddūlāi-grāma, Sujērā, Harijī, Kavilāḍam, Ṣōṇāṇam, Mōrakarā, Haravaṇḍam, Mādāḍa, Kāṇasuvam, Dēvasūrī, Nāḍāḍa, and Maūvaḍī. Naddūlāi-grāma is, of course, Nāḍlāi (or, Nārlāi). Sūjera is Sūjāpurā near Nārlāi but now desolate. Harijī is the same as Harjī (in Jālōr) on the border of the Gōḍwār district, at a distance of 20 kōs from Dēsūrī. Kavilāḍam is probably Kailvāḍa in the Udaipur territory about 16 miles N.-W. of Dēsūrī. Sonāṇam is obviously Sonāṇā, 4 miles N.-W. of Dēsūrī. Mōrakarā is Mōrkhā about 8 miles S.-S.-W. of

१॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 २॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ३॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ४॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ५॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ६॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ७॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ८॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ९॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 १०॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 ११॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 १२॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 १३॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥
 १४॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥ श्रीगणेशाय नमः ॥

कारणात्तथापि ५ अरुः कालिदासः

सिद्धः । नवकुमारो निजलक्ष्यमी

श्रीरामचरणवेष्टुत्तराण्यतः । अत्र

अकलश्रीवाल्मेकिरिव कानाश्रीम्

तद्विनाशोऽप्युच्यते । किमिति न च

अत्र निवृत्तिरिति वदन्ति । अत्र

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

तत्रापि परिवायनिना कर्तुं न शक्यते

अत्रापि परिवायनिना कर्तुं न शक्यते

॥ श्रीगौरीनिसर्गस्य यदिदं प्रकृत्या ॥ अथ दत्तं निरुत्तमं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥
 अथ ननु नृणां नो विष्णोर्लक्ष्म्या ॥ निरुत्तमं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥
 निरुत्तमं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥ अथ दत्तं प्रकृत्या ॥

Sōnāṇā. Haravaṁḍaṁ cannot be identified. Māḍāḍa is obviously Mōḍāḍā or Muṇḍāḍā, 4 miles S.-W. of Mōrkhā. Kāṇasuvam̐ is, in all likelihood, Kāṇā, a mile south of Sōnāṇā. Dēvasūri is doubtless Dēsūri. Nāḍāḍa is Nādāṇā in Bāli (Gōlwār) 8 miles from Nāḍōl and Maūvaḍi is, perhaps Mōri or Mōḍi near Beḍā in the Bāli district and a Railway station on the R.-M. Railway.

The inscription records a grant by the Rājaputra (or king's son) Kīrtipāla, son of Ālhaṇadeva of Naddūlāi in favour of a Jaina temple, and consists of 34 lines of a *praśasti* with eight verses chiefly of genealogical matter, and the rest in prose.

It opens with a verse invoking the blessing of the gods Brahman, Śrīdhara (Viṣṇu) and Saṁkara (Śiva), who, always free from passions, are famous in the world as Jinās or Jaina Arhats. It is curious that the Hindu gods comprising the trinity are here called Jinās (V. 1). In the town of Śākambharī, there was born a king named *Vākpatirāja* in the Chāhamāna race (V. 2). His son named *Lakshmaṇa* became king of Naddūla and was succeeded by his son *Sōbhita*. From him sprang *Balirāja*, and after him there ruled his paternal uncle named *Vigrahapāla*, son of *Sōbhita* (V. 3). *Vigrahapāla*'s son was *Mahendra*, who was succeeded by his son *Aṇahilla*, who again had *Jēndrarāja* as his son, from whom was born *Āsārāja* (V. 4). *Āsārāja*'s son was *Ālhaṇa* who was the lord of Naddūla and who having defeated the ruler of Surāshṭra (*Sōraṣṭh* in Kāṭhiāwār), extended his dominions (V. 5). He was married to Annalladēvi² the daughter of Sahula³ of the Rāshṭraṇḍa (*Rāṭhūr*) race (V. 6). She gave birth to three sons, who were well versed in learning as well as in wielding arms, *viz.*, *Kēlhaṇa*, *Gajasinhha* and *Kīrtipāla* (V. 7). Of these, *Kēlhaṇa*, the eldest, who was possessed of all merits, was made a *Kumāra* (or heir-apparent) and given a share in the government by his father (V. 8).⁴ *Rājakula*⁵ Ālhaṇadeva and the *Kumāra* *Kēlhaṇadeva* were pleased to grant to the prince (*Rājaputra*) *Kīrtipāla* twelve villages appertaining to Naddūlāi (*Nāḍlāi*) (ll. 17-19). The *Rājaputra* *Kīrtipāla* after bathing and performing religious rites: such as worshipping the Sun and Maheśvara (Śiva), etc., and realising the transitoriness of this world, granted on Monday the 5th of the dark half of Śrāvaṇa of the Vikrama year 1218 (corresponding to A.D. 25th July, 1160) a yearly sum of 2 *drammas* from each of the twelve villages of Naddūlāi to (the temple of) the Jina Mahāvīra at the village of Naddūlāi, and ordered that the money in question should be paid in the month of Bhādrapada of every year, commencing from that year [(i. e., 1218) (ll. 20-26)]. The names of the twelve villages are enumerated (l. 27), *viz.*, Naddūlāi-grāma, Sūjera, Harijī, Kavilāḍaṁ, Sōnāṇaṁ, Mōrakarā, Haravaṁḍaṁ, Māḍāḍa Kāṇasuvam̐, Dēvasūri, Nāḍāḍa, and Maūvaḍi. It is further ordered (ll. 28-29) that this grant-money should be paid at the celebration of the *Sanivatsari*⁶ each year and that none should interfere with this grant in future. If his descendants are deprived of their kingdom and some one succeeds them, he binds such new-comers also not to discontinue this grant (l. 30). Then follow the usual verses imprecating those who resume grants (ll. 31-32).⁷ This grant is given with his own hand (i. e., sign-manual) by the *Mahārājaputra*, the illustrious *Kīrtipāla*. This grant was written under orders by Subhaṁkara, son of Dāmōdara and grandson of the Kāyastha Sōḍha of the Naigama lineage (ll. 33-34).

² She is no doubt the Ānalladēvi mentioned in a Sāṇḍerāv inscription, for the particulars of which, see *Proc. Rep. Arch. Surv., West. Circle*, for 1909, pp. 51-52.—D.R.B.

³ Prof. Kielhorn reads Aṇahula, but it is Sahula.

⁴ Here the verses end and hence numbers of lines are quoted below.

⁵ This was a title borne by many Rājput princes of the mediæval times, who had become disciples of ascetics belonging to a sect called Rāvaḷ (see above for 1910, p. 190)—D.R.B.

⁶ *Sanivatsari* is the name given to the festival held by the Jains on Bhādrapada sudi 5th, in commemoration of the anniversary of the Tirthaṁkara named Mahāvīrasvāmī when he obtained Nīrvāṇa.

⁷ These verses are quoted in all grants whether small or large.

TEXT.

First Plate.

- 1-30 ॥ स्वस्ति ॥ श्रियै भवतु वो देवा (।) १ ब्रह्मश्रीधरशंकराः । सदा विरागवं (।)-
 2-तो ये (।) जिना जगति विश्रुताः ॥ १ शार्कभरीनामपुरे पुरासी (।) च्छीचाह-
 3-मानान्वयलब्धजन्मा । राजा महाराजनतांहियुग्मः ख्यातीवनौ वाक्प (॥)-
 4-तिराजनामा ॥ २ नडूले⁹ समभूतसीयतनयः श्रीलक्ष्मणो भूपतिः¹⁰ स्त (॥)-
 5-स्मात्सर्वगुणाल्वितो नृपवरः श्रीसोमिताख्यः¹¹ सुतः । तस्मा¹²च्छीवलिराजना-
 6-मनृपतिः पञ्चात्सीयो महीख्यतो विप्रहपाल¹³ इत्यभिधया राज्ञे पितृव्योभवत् ॥ छ¹⁴
 7-तस्मात्तीव्रमहाप्रतापतरणिः पुत्रो महेंद्रोभवत्तज्जाच्छीअ¹⁵णहिल्लदेवनृपतेः श्रीजे--
 8-द्रराजः सुतः । तस्माहुर्द्वैरैकुंजरवधप्रोत्तालसिंहोपमः सत्कीर्त्यो धवलाकृता¹⁶--
 9-खिलजगद्गी¹⁷आशराजो नृपः ॥ ४ तत्पुत्रो निजविक्त्रमार्जित¹⁸ महाराज्यप्रतापोहयो¹⁹
 10-यो जग्राह जयश्रियं रणभरं व्यापाद्य सौराष्ट्रिकान् । शीचाचारविचारदानवसतिर्नू-
 11-लनाथो²⁰मह (।) त्संख्योत्पादितवीरवृत्तिरमलः श्रीअल्हणो²¹भूपतिः ॥ ५ अनेन राज्ञा जनविश्रुते (।)-
 12-न (।) राष्ट्रौडवंशजवरा सहलस्य पुत्री । अन्नल्लदेविरिति²² शीलविवेकयुक्ता (।) रामेण वै जनकजेव वि-
 13-वाहितासौ ॥ ६ आभ्यां जाताः सुपुत्रा जगति वरधियो रूपसाद्वैद्युक्ताः (।) शस्त्रैः शस्त्रैः प्रग (॥)-
 14-ल्भाः प्रवरगुणगणास्त्यागवन्तः सुशीलाः । ज्येष्ठः श्रीकिल्हणाख्यस्तदनु च गजसिंहस्तथा की (।)-
 15-त्तिपालो (।) यद्वन्नेत्राणि शंभोस्त्रिपुरुषवधायी जने वंदनीयाः²³ [। *] । ७ मध्यादमीषां परि--

Second Plate—First Side.

- 16-वारनाथो दृष्टोऽगजः²⁴ क्षोणितले प्रसिद्धः । कृत²⁵ कुमारो निजराज्यधारी
 17-श्रीकिल्हण²⁶ सर्वगणैरुपेतः । [। *] [८ *] आभ्यां राजकुलश्री अल्हणदेव (।) कुमारश्रीकिल्ह-
 18-णदेवाभ्यां राजपुत्रश्रीकीर्त्तिपालस्य प्रसादे दत्तनडूलाई²⁷प्रतिवद्धद्वादशग्रामाभि²⁸ ॥
 19-ततो राजपुत्रश्रीकीर्त्तिपालः । सं. १२१८ आवणवदि ५ सोमे ॥ अद्ये²⁹ श्रीनडूले द्वात्वा धो³⁰--
 20-तवाससी परिधाय तिलाक्षतकुशप्रणयिनं दक्षिणकरं कृत्वा देवानुदकेन संतप्य (।) व³¹--
 21-हलतमतिनिरपटलपाटनपटीयसो निःशेषपातकपंकमक्षालनस्य दिवाकरस्य
 22-पूजां विधाय (।) चराचरगुणं महेश्वरं³² नमस्कृत्य (।) हुतभुजि होमद्रव्याहुतीर्त्वा³³ नलिनी--
 23-द्वलगतजलवतरलं जीवितव्यमाकलय्य । ऐहिकं पारविकं³⁴ द्य³⁵ फलमगीकृत्य³⁶ स्वपुण्य--
 24-यशोभिवृद्धये शासनं प्रयच्छति यथा ॥ श्रीनडूलाईग्रामे (।) श्रीमहावीरजिनाय नडूलाई--
 25-द्वादशग्रामेषु ग्रामं प्रति द्व २ द्वो द्रम्मां स्रपनविलेपनदीपधूपोपभोगार्थं (।) शासने
 26-वर्षे प्रति भाद्रपदमासे चंद्रार्कक्षितिकाल³⁷ यावत्³⁸ प्रदत्तौ ॥ नडूलाईग्राम । सूजेर । हरिजी [। *]
 27-कविलाडं । सौनाणं । मोरकरा । हरवंदं [। *] माडाड । काणसवं । देवसूरी । नाडाड [। *] मउवडी ॥
 28-एवं ग्रा³⁹ १२ [। *] एतेषु द्वादशग्रामेषु सर्वेषामपि⁴⁰ अस्माभिः शासने दत्तौ । एभिर्ग्रामैरभ्युना संवत्स--
 29-र⁴¹ (।) लगित्वा सर्वेषामपि वर्षे प्रति भाद्रपदे दत्तव्यौ । अतः⁴² ऊर्द्ध्वं केनापि परिपंथना न कर्त्तव्या ॥
 30-अस्मद्भ्यो⁴³ व्यतिक्रान्ते योन्यः कोऽपि भविष्यति [। *] तस्याहं [वै *] करे लभो न लोप्य⁴⁴मम शासनं ॥ षष्टि-
 1-वर्षसहस्राणि स्वर्गं तिष्ठति दायकः । आच्छेत्ता चानुमता⁴⁵ च तान्येव नरकं⁴⁶ वसेत् ॥ ४७वडुभिर्वसुधा

8 Read ब्रह्म°

9 Read नडूले.

10 Read °पतिस्त°

11 Read शोमिता°

12 Read °च्छीवि°

13 Read इत्य°

14 Read ३

16 Rules of *samāhi* violated

16 Read धवलोकृ°

17 Read °गच्छी आश°, and mark violation of *samāhi*.

18 Read °मार्जित°

19 Read °पोदयो°

20 Read महान्स°

21 Read °आल्हणो; and here, again, observe the wrong *samāhi* for which the metre shows the author to be responsible.

22 देवि is wrongly used for देवी which would have offended against the metre.

23 Read वंदनीयाः.

24 Read ज्येष्ठो.

25 Read कृतः.

26 Read केल्लहः.

27 Read °बद्ध°

28 Read ग्रामाः.

29 Read अयेह.

30 Read धौत°.

31 Read बहल°.

32 Read महेश्वरं.

33 Read दत्त्वा.

34 Read पारविकं.

35 Read च.

36 Read °मगी°

37 Read कालं.

38 Read प्रदत्तौ.

39 That is ग्रामाः.

40 Read °दाप्यस्माभिः.

41 Read °त्सरं.

42 Read अत ऊ°

43 Read °रमदंशे.

44 Read °प्यं.

45 Read °मैतां.

46 Read नरकं.

47 Read वडु°.

Second Plate—Second Side.

- 32--भुक्ता राजभिः⁴⁸ सगरादिभिः । जस्य⁴⁹ यस्य यदा भूमिः⁵⁰ तस्य तदा फलं ॥ स्वहस्तोयं म--
 33--⁵¹हारानपुत्रश्रीकीर्त्तिपालस्य ॥ नैगमान्वयकायस्यसादनसा शुभंकरः । दामोदरसु--
 34--तोलेखि⁵² शासनं धर्मशासनं ॥ मंगलं महाश्रीः ॥

THE MEDS OF MAKRAṆ.

BY RAI BAHADUR B. A. GUPTA, F.Z.S.; CALCUTTA.

THE Meds of Makraṇ are at the present day fishermen and sailors. It is an especially interesting study to trace their ancient history in order to find out who they are, and from where or how they came to the Southern Coast of Baluchistan. Herodotus in Vol. VII, page 62, (Rawlinson) says, "These Medes were called anciently by all people Arians, but when Medea, the Colchican, came to them from Athens, they changed their name." Ritter (V. 458) adds that "those Eastern and proper Indians, whose territory, however, Alexander never touched by a long way, call themselves in the most ancient period Arians (Arier). Manu (II, 22, X, 45) mentions a name coinciding with that of the ancient Medes." Sir Denzil Ibbetson, in quoting General Cunningham, says in his Punjab Census Report, 1881, that the Meds entered India about a century before Christ, that they followed the Jats or Jatii of Pliny and that the Jats and Meds of Sind were ruled over by a Brāhmaṇ dynasty. MacCrindle in his invasion of Ancient India by Alexander identifies the River Polver with Medos (page 33). The Encyclopædia Britannica tells us that Media is the ancient name of a country of considerable extent in Western Asia now forming portion of Persia, inhabited by Turanians called Medes, that they belong to the Aryan race, that they resemble the Persians, and that they have been traced to the countries beyond the Indus. They were conquered by Cyrus (550 B.C.) Balfour's Cyclopædia says that the Medes occupied the Western tableland of Iran and the bordering mountains. Among the ancient Sanskrit works of India, the Meds have been mentioned in the *Yama-Saṁhitā*. Vyāsa is also said to have described them. I give the quotations for what they are worth.

(A) रजकश्चर्मकारश्च नदो बुरुड एव चः ।

कैवर्त-मेद-भिल्लाश्च सप्तैते चान्त्यजाः स्मृताः ॥

The washerman (*rajaka*) and the shoe-maker (*charmakāra*), Naṭ, Burud, Kaibartta, *Med* and Bhil are low-born (untouchables).

(B) वराटो मेद-चांडाल-शस-श्वपच-कोलकाः ।

एतेन्यजाः समाख्याता ये चान्ये च गदाशनाः ॥

Together with Varāṭa, etc., the Meds are counted low-caste (*antyaja*).

(C) Manu says—

कारावरो निषादानु चर्मकारः प्रसूयते ।

वैदेहिकादंभ्रमेवौ बहिर्मानप्रतिभ्रयो ॥ x. 36.

A Vaiśya's son from a Brāhmaṇ woman called Vaidehika gives birth to out-castes like Andhra and *Med*.

Again—

(D) विप्रायां वैदशतो वैदेहः । तस्मात्कारावर्यामभ्रः ।

निषाद्यां मेद इति मेधातिथिः ॥

Medhātithi says that Vaideha is born of a Vaiśya from a Brāhmaṇ woman, from this Vaideha a Kārāvari woman gives birth to an Andhra, and a Nishāda woman gives birth to a *Med*.

⁴⁸ Read राजभिः⁴⁹ Read यस्य.⁵⁰ Read भूमिस्त°⁵¹ Read °राज°⁵² The passive aorist is wrongly used for the active अलेखीत्.

(E) राजस्त्रियां च सुद्रेण क्षत्ता मैदश्च जायते ।

श्राविध्यमथ गोधानां स चक्रे वधबंधनम् ॥

The son of a Kshatriya woman from a Sûdra is called a Maînda (Meda) or Kshattâ.

(F) मैदस्य वनिता कायात्संगतान्ध्रेण चैद्रहः ।

सा सूते यवनं पुत्रं तुरुष्कः स प्रकीर्तितः ॥

प्रसिद्धो म्लेच्छदेशे यो गोवधेनास्य वर्तनम् ।

The son of a Med woman by an Andhra is called a Yavana. He is a Turk, a foreigner, killer of cows.

All these quotations, containing allusions to the Meds, may be compared with the quotations from European scholars given above.

On the authority of the *Mujmal-ul-tawârikh*, the Jats and Meds are reputed to be the descendants of Ham, the son of Noah and that they occupied the banks of the Indus in Sindh. During the period of the Arab occupation, Muhammad, son of Kasim, represented them as "sea-farers and pirates, with whom the men of Basora were then at war."

Lord Curzon, in his *Persia*, states that "the Province of Milan on the Caspian coast contains descendants of the ancient Medes, that the Province of Milan is the original seat of sericulture for which Persia was celebrated."¹

So strong is the attachment of the primitive man to his soil that it is not surprising to find in the lowest stratum of the population of a country the representatives of its earliest races in spite of revolutionary changes at the surface. The human wave of emigrants is often compared to the disturbances, on the surface of an ocean, which leave the mud or shells at the bottom undisturbed in spite of cyclones and tempests. It is, therefore, quite possible that Milan, the ancient Media, retains a part of its original residents to this day, that the Medes originally a maritime nation on the coast of the Caspian Sea, have, after being driven out, gone southwards, following the course of the Polver where they possibly had their agents trading with India in raw silk. Along the Western coast of India, Karachi, Tata, Cutch, Surat, Broach, and Thana, Sopara, and Cheul are well-known seats of silk manufacture; and it has been often recorded that the raw material came from Persia. Western India does not produce silk.

The modern Meds or the ancient Medes, an oceanic tribe, is, therefore, possibly the one that supplied the raw material. It is more natural to suppose that these people came from Media where they could get wood for building their ships and canoes than to accept the modern tradition of their having gone to Makran from Gandova simply because they worship a *Pir* from that place. The *Pir*, who first converted them, may have come from Gandova, but not the people. It would be interesting to find out if Gandova can produce timber for building ships. Makran surely does not. But the distinct link of the Meds from the Caspian coast or Milan to the Persian Gulf and from there, along the Makran coast, to India is plain enough.

Added to these surmises are the anthropometric measurements of the people. Their average Cephalic Index is 82, Nasal Index 68.1, their orbito-nasal Index 127.3. Their oval faces present a purer Persian cast than that the one seen among the half-Arab half-Persian Baloches of the Northern portion of that province, their heads are broader and noses more prominent, in spite of palpable intermixture with the African and Indian races. Their characteristic traits also coincide: (1) They belong to the Aryan race, (2) they resemble Persians, (3) they are pirates with whom the people of Basora were at war in the time of the Arab occupation and (4) they were considered out-castes (foreigners) in India by the ancient writers. Until, therefore, future investigation proves to the contrary, it would not be unreasonable to accept the theory that the Meds of the Makran Coast

¹ Lord Curzon's *Persia*, Vol. I, pp. 239 to 240.

are the remnants of the maritime Medes, who migrated to the Persian Gulf and Makran after they were driven out of their father-land, and have considerably got mixed with the Arabs, Africans, Indians, and Baloches. Their blood connection with the Koris of the River Kori in Sindh has been the cause of the formation of a sept of that name. The Koris of Sind are possibly the oceanic race who helped them as pilots to the Bombay coast where they have a colony quite distinct from the Dravidian Hill Kolis, and known as Son-Kolis, exhibiting a conspicuous strain of Aryan blood. It is noteworthy that these Son-Kolis or mixed 'Kolis and Meds' are found only along the Thana and Kolaba coast, and that they have no racial representatives in the interior—the Hill-Kolis being quite a dark and Dravidian race. Ancient trade in Western girls may also account for the fairer skin, occasional blonde hair and Aryan features of these old pirates of Bombay. From the Persian Gulf to Bombay, we have thus a trace of people whose ancient history may have direct connection with the old sea-borne trade-route from Persia to India culminating in the establishment of a colony of Parsis or 'Guebres' a Persian tribe at Billimora, Navsari, Surat, and Bombay.

They are divided into three septs: Meds, Koris and Gadras. The Meds are fishermen, the Koris are sailors like Bombay Kolis, and the Gadras are bastards born of African slaves. They have no totems, or endogamous divisions, being Musalmans. They do not inter-marry cousins and brothers, and seem to have no objection to marry any Mussalman if he accepts their profession. They have settled themselves along the Makran coast, and are no longer nomads. They do not migrate. They admit outsiders into their community and marry Baloches. The marriage is adult. They observe Mahomedan customs in marriage and inheritance. Polygamy is allowed, polyandry is not known. Widow marriage and divorce are practised. The dead are buried. In dress, they resemble ordinary Musalmans of Baluchistan.

MISCELLANEA.

THE ARIYUR PLATES OF VIRUPAKSHA: SAKA-SAMVAT 1312.

My attention has been drawn to a remark made by Mr. T. A. Gopinatha Rao in editing the record on these plates. He said (*ante*, Vol. 38, 1909, p. 12):—"The plates were made over to Mr. Natēsa Śāstri, who did not remember what he did with them, but thought he might have sent them to Dr. Fleet." It would seem from

this that the plates had been lost sight of in 1909, and perhaps are still missing. If so, it is desirable that an attempt should be made to trace them, and without further delay. But inquiries must be made elsewhere. The plates were not sent to me: and I have no knowledge of them apart from Mr. Gopinatha Rao's publication of the record on them.

J. F. FLEET.

CORRESPONDENCE.

[THE following letter has been sent to me by Dr. Grierson containing a valuable criticism on my paper—"Foreign Elements in the Hindu Population" which has appeared in the January number. As he has so very kindly allowed me to make any use of it I like, I cannot do better than publish it here almost in its entirety; and I doubt not that it will be found to be extremely important and interesting, as it comes from no less a veteran linguist, scholar and antiquarian, than Dr. Grierson.—D. R. B.]

"DEAR MR. BHANDARKAR,—I have read both your articles with the greatest interest, and am specially indebted to you for the excellent way in which you have put together your proofs in the second paper. It has supplied a want which I have long felt.

"P. 17 ff. above. With regard to Śākadvīpa Brāhman it may interest you to know that I met several of them in Gayā when I was Collector there. Have you seen the *Pārasīprakāśa* of Kṛishṇadāsa, a Śākadvīpa Brāhman? (note the termination *dāsa*). It was written for the

Emperor Akbar, and has been edited, with a translation, by the late A. Weber in the year 1887 in the *Abhandlungen der Königl. Preuss. Akademie der Wissenschaften*, at Berlin¹. In the preface Weber gives a long account of the connexion between the Magi and the Śākadvīpa Brāhmins. The book itself is a Persian Grammar and *Kōśa* written in Sanskrit.

"P. 20, above. Regarding the Haihayas there are many traditions about them in the country to the east of Benares, and in Bihār. In Darbhanga, a district of Bihār, there is Hayā Ghāt on the river Bāghmatī. I used to be told, when I was there, that it was named after the Haihayas, who fought a battle there. In the Gorakhpur district (north-east of Benares), the Majhauī Rājās are *Bisēn* Rājapūts, but a scion of the family used to maintain to me in conversation that they were by origin Haihayas. These Majhauī Bisēns, at any rate, intermarry with the *Hayōbans* (= Haihaya-vaṁśa), Rājapūts of Baliā (a district on the Ganges, to the East of Benares). See *Gorakhpur Gazetteer* (1881), p. 519. You will find much information about Rājapūts in this volume, and also especially in the *Gazetteer of the Himālayan Districts* (Kumaun, &c.) of the N.-W. P. Crooke also gives an article on Hayōbans Rājapūts in his book.

"P. 21, above. I see you follow Dr. Fleet in considering that "Gujarāt" is derived from "Gurjaratrā."² I would suggest that this is not certain. It is quite possible that the reverse is the case, and that "Gurjaratrā" is a Sanskritization of "Gujarāt." To me the difficulty is that *Gurjaratrā* as a Sanskrit word has no meaning, while *Gurjara-rāshṭra* has a meaning. The phonetic change of the cerebral *ṭṭh* of *Gujjaratṭha* to *Gujarāt* is quite regular in Gujarātī (see the *Linguistic Survey* on the point). It looks to me as possible that the writer of the inscription in which "Gurjaratrā" is found, already knew the word "Gujarāt" and concocted the word "Gurjaratrā," because he did not know the real derivation.

"P. 21, above. In regard to the statement about Gōjars in Gujarāt, I venture to mention a few points which may interest you. You perhaps

know that I call the languages of the N.-W. Frontier (Kāfir, Khôwâr of Chitral, Shinā of Gilgit, Kāshmiri, &c.) by the name "Pisācha." Now these modern languages have several very peculiar phonetic rules, such as the occasional hardening of a soft consonant (*e.g.*, *lakām* for *lagām*), the disaspiration of sonant aspirates (*guru* for *ghôṛā*, &c.), inability to differentiate between cerebrals and dentals, the frequent occurrence of epenthesis, and so on. Now the *Linguistic Survey* shows that these peculiarities can be followed down the Indus into Sind, across North Gujarāt, and into the Bhil Hills. I do not think that we can attribute these peculiarities to the original language of the Gurjaras. Rather they indicate the presence of *another* language alongside and intermingling with that of the Gurjaras, and I have little hesitation in looking upon them as remnants of the language of the Khasās of the Sub-Himālaya. These Khasās still survive. They are numerous in the North Panjāb, in Garhwāl, in Kumaun (*i.e.*, *Kūrmāchala*, from the *Kūrm-avatāra*), and in Nepāl. In the last country, the language which Europeans call "Nepālī" is locally known as "Khas-kurā" *i.e.*, the language of the Khasās. In all these tracts the same "Pisācha" peculiarities exist in the local languages, although the local languages are all closely connected with Rājasthānī. But I think that I can definitely state that these phonetic peculiarities are not inherent parts of the local language. They all occur more or less sporadically. They are there, but they are always unexpected when they appear.

"We find a similar state of affairs again in "Nepālī," in regard to Tibeto-Burman languages. Although "Nepālī" is essentially a form of Rājasthānī, it also presents numerous unexpected forms which are certainly borrowed from Tibeto-Burman languages, *e.g.*, there is an honorific conjugation of the verb built exactly on Tibeto-Burman lines. In this case the explanation is obvious. The speakers of the Aryan *quasi*-Rājasthānī came into Nepāl (we know from history that they came originally from Udaipur), and conquered the local Tibeto-Burmans. As time went on, their language

¹ I intend publishing a translation of this important paper of Prof. Weber, in this *Journal*, for the benefit of the Indian Scholars.—D. B. B.

² This derivation had been suggested by me first in my paper on the Gurjaras, (*Jour. Bomb. As. Soc.*, Vol. XXI.) long before Dr. Fleet's note appeared in the *Four. R. As. Soc.*—D. B. B.

became infected with Tibeto-Burman peculiarities. I have records to show that the language has changed in the course of the last twenty years, and in the case of these changes which the Nepālis themselves tell of) the forms which they call "old-fashioned" are all essentially Aryan, while those which they call "modern" are really (though they are unaware of the fact) Tibeto-Burman. As an example of these, I may quote the use of the case of the Agent. In the old language this was used only before the *past* tenses of transitive verbs, exactly as in Hindi or Marāṭhī, but now-a-days the same case is used for the subject of *any* tense of a transitive verb, past, present, or future, exactly as in Tibeto-Burman languages.

"It is reasonable to presume that a similar state of affairs exists in the Sub-Himalayan tracts of the Upper Provinces and of the Panjāb (as well also in Nepāl). Here the original Aryan inhabitants were undoubtedly Khasās. Sanskrit literature, history, and modern traditions agree as to this. These people were conquered by people speaking *quasi-Rājasthānī*, and the language of the latter has become infected with typical peculiarities of the language of the former.

"You will observe that I here use the term "*quasi-Rājasthānī*." By this I mean that the language is closely connected with Rājasthānī, but that we must not therefore assume that its original speakers all necessarily came from Rājputānā.

"Before going further, I would like to state, with reference to a remark of yours (p 22, note 75), that Mr. Jackson pointed out that the term "*Gauḍa*" refers to the province round *Thānēsar*, and not to Bengal,—that the fact was long before pointed out by Dr. Hoernle about the year 1877, and that *on this account*, he called the Modern Indo-Aryan Vernaculars, "*Gaudian*."

"On p. 30, above, you quote some theories of mine, in which I attempt to account for the existence of this *quasi-Rājasthānī* in the Sub-Himālayas. I have, as you correctly state, implied that the speakers came from Rājputānā and imposed their language on the people whom they conquered. Since I wrote this, I have been preparing the Pahāri section of the Linguistic Survey, and a consideration of all the facts revealed by a closer examination of the many hill dialects between Chambā and Nepāl inclusive, has led me to modify this opinion.

"I still believe that there were important migrations from Rājputānā into these hills. The local

histories give full particulars. It is, for instance, historically true that the Gorkhās who conquered Nepāl (or at least the principal founders of the tribe) came from Udaipur. The Garhwāl Rājputs say, they came from Gujarāt, and the Tēhri Garhwāl Rājputs have a genealogy which pretends to carry them back in a straight line to Kanishka (!). Nearly all the Rājās of the Panjāb-Himālaya, as far west as Chambā, claim to have come from Rājputānā. One of them (Mandī) claims descent from the Lakshmanā Sēna of Bengal, who was a Chandravansī. So, the original title of the Chambā Royal Family was *varmā*. These claim to have come from Ayōdhyā, and to be descended from Kuśa, the son of Rāmachandra. There are several other high Rājput families in Chambā which "were all founded by Rājput leaders—each probably with a small band of followers—who either came directly from the plains, or were scions of one or other of the ruling families who had previously established themselves in the Hills."

"So far my facts stand. But for some time the importance of the fact that the Gūjars of the hills still further to the west in Kāshmir and the neighbourhood talk a language akin to Rājasthānī, has been more and more borne upon my consideration. The language of these men is what Sir H. Risley calls a "*morient*" language, that is to say, it is the language spoken by a remnant of a tribe, and fast dying out, while most of the members of the tribe have abandoned it for some other. Most of the Panjāb Gūjars (those of the plains) have abandoned their own language for Panjābī or some other. Although it is, as a rule, unsafe to base ethnological speculations upon linguistic evidence, it is allowable, in the case of a "*morient*" language, to assume that it is the original language of the few people who continue to speak it after it has been abandoned by most of the tribe. We may thus assume that the original language of the Gūjars of the Panjāb was once everywhere a language akin to the ancestor of what is now Rājasthānī. Now, I do not think that it is at all extravagant to assume that the Gūjars and Ahīrs (who also in Sub-Himālaya speak a form of Gujarī) over-ran and settled in the greater part of the Sub-Himālaya of the Panjāb and United Provinces, after conquering the previously settled Khasās. This would at once account for the existence of a language akin to Rājasthānī in the hills. In later times it received fresh drafts from Rājputānā which quite possibly strengthened the

* *Chamba Gazetteer*, 1910, p. 63. You will find a mass of valuable information in this and the other local Panjāb Gazetteers lately published.

Rājasthāni spoken there. This theory well accounts for the existence of the *quasi*-Rājasthāni in these hills, with its Khṛṣa sub-ratum.

"Regarding the Nāgar Brāhmins of Gujarāt, have you seen Nagēndranātha Vasu's paper on "the Origin of the Nāgaras and the Nāgarī Alphabet" in *Jour. Beng. As. Soc.*, Vol. LXV, Part I, for 1896, p. 114 ff? If you have not seen it, I think you would find it interesting. Though the subject is rather out of my line, I think there is a good deal in his contention as to the origin of the name "Nāgarī." As you know,

the Nāgar Brāhmins, although Gujarātis, do not employ the Gujarātī alphabet.

"I must apologize for this long letter. I should not have written it were I not intensely interested in the subject-matter of your paper, and desired to explain to you exactly what my present opinions are regarding the Rājapūts of the Sub-Himālaya."

RATHFAENHAM,
CAMBRIDGE,
SURVEY.

G. A. GRIERSON.

NOTES AND QUERIES.

A VERSION OF THE LEGEND OF THE CLEVER BUILDER.

At Aurangābād there is a well, known as the Sonebauri or Golden Well, and the story goes that Bibi Mugbira, said to be a daughter of the Emperor, Shāh Alam, died in that city. A tomb was to be raised to her memory and four masons of the highest class offered to construct it, but before commencing their work they went to bathe in the famous well, when there appeared to them some of the water nymphs inhabiting it. Two of them succumbed to the charms of the nymphs and disappeared under the water, but the remaining two built the beautiful mausoleum to the princess, which is still standing, and were richly rewarded.

They desired to go elsewhere and earn further rewards, and were only permitted to do so on condition that they lost their right hands, so that they might never again construct so fine a building. This did not deter them from repairing to Hyderabad with the loss of a hand each. There they built the great Chchār Minār, on completing which they each lost the other hand. Eventually they died "in peace."

M. N. CHETTANAH,

NIZAM COLLEGE,
HYDERABAD (DECCAN). } *Hyderabad, Deccan.*

A NOTE ON YATIRĀJA-VAIBHAVAM.

(See *Ind. Ant.* 1909, May, p. 129 ff.)

SIR—Apart from typographical errors, I consider it a duty to point out the following for the information of your readers.—

(1) According to the traditions of the Tēngalai or the Southern School of the Śrī-Vaiṣṇavas, no work called *Yatirāja-vaibhavam* is attributed to Āndhra pūrṇa or Vāduganambi. A Sanskrit hymnal *Śrī-Rāmānuj-āṣṭottara-śata-nāmāni* alone is attributed to him, containing the colophon:—

"Yad Āndhra-pūrṇena mahātman-edam stotraṁ kṛtam sarva-jan-āvatāya, Tāj-jīvaḥhūtam

bhuvī Vaiṣṇavāśāṁ babbhūva Rāmānuja-māna-sānam."

(2) "Nothing is really known about Āndhra-pūrṇa" is what I read in para. 2, Introduction, p. 129. But as a matter of fact, a good deal is known about him, (and a part of it is already available in English in my "*Life of Rāmānuja and his masters and disciples*"). There is a separate book itself called the *Āndhra-pūrṇāchārya-charitram* (u)"

(3) Page 129, para. 1. Instead of *Tiruvārāṇḍattandādi*, it ought to be *Rāmānuja-nūṭṛandādi*.

(4) Page 130, footnote 3. I would from "Yāga=worship of God in one form," omit "in one form."

(5) Page 133, verse 23, instead of "Gaṅgā-taṭād-Yāmuna-mantra-vaśyo," it ought to be read:—"Gaṅgā-taṭād-Yādava-mantra-vaśyo." It is most unfortunate that Yāmuna and Yādava have been mixed up.

(6) Page 133, Footnote. 'Chāndokya' should be 'Chhāndogya'.

Page 134. 'Tiu-Kachchinambi' should be 'Tiruk-kacchinambi.'

Page 134. 'Madurāntakam' should be 'Madhurāntakam.'

Page 137. 'Madurakavi' should be 'Madhura-kavi'.

Page 137. 'Saṭāri' should be 'Śaṭhāri.'

(7) Page 138. 'Śrīnāgatha-gadya' should be 'Saranāgati gadya' And the third *Gadya* of Rāmānuja is never known as *Śrī-gadya* as is written in the footnote, but is known as the *Vaiṣṇuṭha-gadya*.

(8) In all our reliable traditions, the son of the ruler of Kāñchi was not possessed by the evil spirit, but the daughter. The verse should be corrected accordingly after collation with another good copy. This alone raises a doubt as to Āndhra-Pūrṇa being the author of *Yatirāja-Vaibhava*.

A. GOVINDACHARYA, C.E., M.R.A.S.
MYSORE (VEDA GRIHAM) }
5th July 1910.

JAINA ICONOGRAPHY.

BY D. R. BHANDARKAR, M.A., POONA.

(Continued from p. 130.)

In connection with verse 10, the following from Hemachandra's work may be read :—

मध्ये समवसरणं चैत्यदुर्व्यन्तरैः कृतः ।
 क्रोशत्रयोदयो रत्नत्रयोदयमिवादिशत् ॥ ४५२ ॥
 तस्याधो विविधै रत्नैः पीठं विधिरे च ते ।
 तस्योपरि च्छन्दकं चाप्रतिच्छन्दमणमियम् ॥ ४५३ ॥
 तन्मध्ये पूर्वदिग्भागे रत्नासिंहासनं ततः ।
 सपादपीठं ते चक्रुः सारं सर्वश्रियामिव ॥ ४५४ ॥

Translation.

452. In the centre of the *samavasaraṇa* a *chaitya* tree was set up by the Vyantaras, three *crośas* in height and declaring as it were the prosperity of the Three (Sacred) Gems.

453. Underneath it they prepared a dais with various jewels, and on it a *chhandaka* of incomparable rubies.

454. In the centre thereof (but) facing the east, they prepared a gem-studded lion-throne accompanied by a foot-stool, (which was), as it were, the essence of all beauties.

There are two points in these verses which require a little elucidation. The first is about the height of the *chaitya* tree, which is here said to be 3 *crośas* high. I have stated above that the *samavasaraṇa* described in Hemachandra's work, from which extracts are here cited, is that of Rishabhanātha. The height of this Jina, according to Jaina mythology, is 500 *dhanus*, and as the general rule is that the height of a *chaitya* tree is twelve times the height of the Jina to whom it belongs, the height of Rishabhanātha's tree is 500×12 *dhanus* = 6,000 *dhanus* = 3 *crośas*, the height specified in Hemachandra's verses. The second point is as regards the lion-throne on the *devachchhanda*. According to our *Samavasaraṇa-stavana*, v. 10, four such have to be made, but Hemachandra speaks of only one, as will be seen from his verse 454 just quoted. There is, however, really speaking, no great discrepancy here, for in verse 464, which will be cited further on, we are told that the Vyantaras made three images of the Jina as seated on the lion-throne. The ultimate result is the same, though according to Hemachandra only one, and, according to the other authority, four, lion-thrones are in reality made.

तदुपरि चउच्छत्तितया पङ्क्तिरुच्यति तद्वत्तमरधरा ।

पुरश्चो कणयकुसेसयडिअफालियधम्मचक्र चउ ॥ ११ ॥

तदुपरि (!) छत्रत्रिकानि । प्रतिरूपत्रिकं वानव्यन्तरेन्द्रकृतं च । तथाष्टचामरधरा भवन्ति । कनककुशे-
 शयस्थितानि स्फाटिकानि धर्मचक्राणि चत्वारि सिंहासनपुरतो भवन्ति ॥ ११ ॥

(V. 11). On those (four lion-thrones) there are four triads of parasols. There are three reflections (of the Jina, produced by the Vāṇa-Vyantaras). Similarly there are eight *chauri* bearers (two for each lion-throne). In front (of the lion-thrones) are four wheels of the Law, (one for each) made of crystal gems and resting on gold lotuses.

What is contained in this verse is dilated upon in the following lines from the *Trishashṭi-sādhakā-puruṣa-charitra*.

तस्योपरि विचक्रेऽथ तैश्चत्रयमुज्ज्वलम् ।
 स्वामिनस्त्रिजगत्स्वाम्यचिह्नत्रयमिवोच्चकैः ॥ ४५५ ॥
 यक्षाभ्यां तत्र दध्राते पार्श्वयोश्चामरौ शुची ।
 हृद्यमान्तौ बहिर्भूतौ स्वामिभक्तिभराविव ॥ ४५६ ॥
 ततः समवसरणद्वारे हेमाम्बुजस्थितम् ।
 अत्यद्भुतप्रभाचक्रं धर्मचक्रं विचक्रिरे ॥ ४५७ ॥
 तत्रान्यदपि यत्कृत्यं तत्सर्वं व्यन्तरा व्यष्टुः ।
 साधारणे हि समवसरणे तेऽधिकारिणः ॥ ४५८ ॥
 रत्नसिंहासनस्थानि दिक्ष्वन्यास्वपि तत्क्षणम् ।
 भगवत्प्रतिबिम्बानि व्यन्तरास्त्रीणि चक्रिरे ॥ ४५९ ॥

Translation.

455. On that (lion-throne) they made three bright parasols, which, as it were, were the three distinct cognisances of the supremacy of the Lord over the three worlds.

456. There two sacred *chauris* were on two sides, caused to be held by two Yakshas,—*chauris* which were two excesses of devotion to the Lord, become external, not being contained in the heart.

457. Then at the portal of the *samavasaraṇa* they made a wheel of the Law, resting on a gold lotus and which was the wheel of a highly wonderful effulgence.

458. The Vyantaras did whatever other there was to be done. For, when the *samavasaraṇa* is of a general class, they are the proper functionaries.

464. Three reflections of the Lord as resting on a gem-studded lion-throne were in a moment generated by the Vyantaras in other directions also (*i. e.*, the south, west and north).

झयच्छत्तमयरमंगलपंचालीदामवेद्वरकलसे ॥

पद्महारं मणितोरणतिश्च धूपघडी कुण्ठति वणा ॥ १२ ॥

वप्रेषु प्रतिहारं ध्वजच्छत्रमकमुखमङ्गलपञ्चालीपुष्पदामवेदिकारचनाविशेषपूर्णकलशान्मणिमयतोरण-
 चिकानि धूपघडीश्च कुर्वन्ति व्यन्तराः ॥ १२ ॥

(V. 12). At every gate (of the *vapra*), the Vāṇa-Vyantaras put up flags, parasols (ornamental) *makaras*, auspicious marks, figures, garlands, dais, (water-filled) pitchers, three, (ornamental) arches inlaid with jewels, and incense-pots.

Hemachandra has enlarged on this point in the following lines :—

तोरणानि विचक्रुश्च रत्नमणिकयकाञ्चनैः ।

चतसृष्वपि ते दिक्षु तद्गुपाकण्डिका इव ॥ ४२७ ॥

अन्योन्यदेहसंक्रान्तप्रतिबिम्बैर्बभासिरे ।

आलिङ्गिता इवालीभिस्तत्रोच्चैः शालभञ्जिकाः ॥ ४२८ ॥

स्निग्धेन्द्रनीलघटिता मकरास्तेषु रेजिरे ।

प्रणयन्मकरकेतुत्यक्तकेतुभ्रमप्रदाः ॥ ४२९ ॥

भगवत्केवलज्ञानकल्याणभवया मुहा ।

हंसा इव दिशां रेजुः श्वेतच्छत्राणि तत्र च ॥ ४३० ॥

ध्वजाश्च भ्रेजिरे तत्र भूदेव्यातिप्रमोदतः ।

उत्तम्बिता इव भुजाः स्वयं नर्तितुकामया ॥ ४३१ ॥

तोरणानामधस्तेषां बलिपट्टेऽपि वोच्चकैः ।

मङ्गलस्याष्टचिह्नानि स्वस्तिकादीनि जज्ञिरे ॥ ४३२ ॥

मणिकयतोरणास्तत्र पताकामालभारिणः ।

रश्मिजालैर्विरचितान्यपताका इवामवन् ॥ ४४० ॥

प्रतिवप्रां च चत्वारि गोपुराणि चकाशिरे ।

चतुर्विधस्य धर्मस्य क्रीडावातायना इव ॥ ४४१ ॥

इन्द्रनीलमणिस्तम्भायितधूमलतामुचः ।

द्वारे द्वारे धूपघट्योऽमुच्यन्त व्यन्तरामरैः ॥ ४४२ ॥

Translation.

427. And in the four (cardinal) directions they made arches with jewels, rubies and gold, as if they were necklaces for their decoration.

428. There the figures, on their upper members in consequence of their reflections being transferred to one another's bodies, shone as if they were embraced by their friends.

429. Thereon shone the *makaras* formed of resplendent sapphire and causing the misimpression of (their being) the banner cast aside by Cupid when dying.

430. And there the white parasols shone like swans of the quarters through delight produced by the supreme knowledge and blessedness of the Lord.

431. And there the flags shone as if they were the arms tossed aloft through intense delight by the goddess Earth, being desirous of dancing in person.

432. Underneath these arches, the eight marks of auspiciousness, such as *svastika* and so forth, were distinctly made as if on pieces of cloth accompanying oblations (to the spirits).

440. There the arches of rubies, bearing a number of flags, appeared as if they were producing other flags by their own net of rays.

441. At every rampart shone four ornamented gateways as if (they were) the sporting-windows of the four-fold religion.

442. At every gate were placed incense-pots, by the Vyantara divinities, giving out creeper-like smoke which resembled the pillar of sapphire gems.

जोयणसहस्रदंदा चउज्जया धम्ममाणगयसीहा ॥

ककुभाइजुआ सव्वं माणमिणं निअनिअकरेण ॥ १३ ॥

धर्मध्वजमानध्वजगजध्वजसिंहध्वजनामानश्चत्वारो ध्वजाश्चतुर्दिक्षु ककुभशब्देन लघुलघुतरघण्टिकापता-
किकाद्युच्यते । सर्वे चैतत् निजनिजहस्तेन ॥ १३ ॥

(V. 13). Four banners with staves of one thousand *yojanas* each in length (and named) Dharma, Māna, Gaja and Simha (and) accompanied with *kakubhas*, i. e., smaller bells, flags, &c.—all this measurement to be counted by the *hasta* (hand) of each respective *Tīrthashkhara*.

पविसिअ पुब्बाइ पह पयाहिणं पुव्वआसणनिविट्ठो ॥

पयपीडठवियपाओ पणमिअतित्थो कहइ धम्मं ॥ १४ ॥

प्रदक्षिणं प्रविश्य प्रणतं तीर्थं चतुर्विधः संघो येन स नमो तित्थस्स इति वचनात् प्रभोर्वाणीं योजनप्रसा-
रिणीं वप्राणामधस्तात् गच्छन्तो जनाः शृण्वन्ति ॥ १४ ॥

(V. 14). Having entered from the east and from left to right, having sat on a seat facing the east, having placed his feet on a foot-stool, and having saluted the *tīrtha* (i. e., the four-fold congregation) the Lord discourses on the Law.

The contents of this verse are repeated in the following lines from Hemachandra's work, but with somewhat greater details :—

चतुर्विधानां देवानामथ कोटीभिरावृतः ।

भगवान्समवसर्तुं प्रचचाल दिवामुखे ॥ ४५९

सहस्रपत्राण्यब्जानि सौवर्णानि तत्रा नव ।

विदधुर्निदधुश्चाग्ने क्रमेण स्वामिनः सुराः ॥ ४६०

विदधे तेषु च स्वामी पादस्यासं द्वयोर्द्वयोः ।

पुरः संचारयामासुराशु शेषाणि नाकिनः ॥ ४६१

पूर्वद्वारेण समवसरणं प्राविशत्ततः ।

चक्रे च चैत्यवृक्षस्य जगन्नाथः प्रदक्षिणाम् ॥ ४६२

तीर्थं नत्वा प्राङ्मुखोऽथ जगन्नोहतमच्छिदे ।

स्वामी सिंहासनं भेजे पूर्वोच्चलनिवार्यमा ॥ ४६३

Translation.

459. Being surrounded by crores of the four classes of gods, the Lord set out for the *samavasaraṇa* at the break of the day.

460. Then the gods prepared nine golden lotuses of a thousand petals each and placed them in succession in front of the Lord.

461. And the Lord placed his feet on pairs of them, (and) the gods forthwith pushed in front the remainder (*i. e.*, those on which he had placed his feet).

462. Then the Lord of the world entered the *samavasaraṇa* from the eastern portal and circumambulated the *chaitya* tree.

463. Having saluted the *tīrtha* and with his face turned towards the east, the Lord, for dispelling the darkness, *viz.*, the infatuations of the world, occupied the lion-throne just as the Sun (occupies) the eastern mountain.

मुणिवेमाणिसमणी सभवेण जोइवण देवि देवतिअं॥

कप्पसुरनरित्थित्तिअं ठंति म्गेयाइविदिसासु ॥ १५

चउदेविसमणि उइहिआ निविहा नरित्थिसुरसमणा ॥

इय पण सग परिस सुणंति देसणं पढमवर्णतो ॥ १६

आग्नेयीनैऋतीवायवीशमनीविहिङ्गु यथोक्तं सभात्रयं यथाक्रमं पूर्वस्यां दक्षिणार्था पश्चिमायामुत्तरार्था प्रविश्य प्रदक्षिणां इत्था तिष्ठति । तथा चैतद्योरक्षराणि । अवसेसा संजया निरइसेसिआ पुरत्थिमेणं चैव दारेणं पविसित्ता भयवंतं ति पयाहिणी काउं वंदित्ता नमो तित्थस्स नमो अइसेसिभाणं ति भणिता अइसेसिभाणं पिह्ओ निसीअंति । वेमाणिआणं देवीओ पुरत्थिमेणं चैव दारेणं पविसित्ता भयवंतं ति पयाहिणी करित्ता वंदित्ता य नमो तित्थस्स नमो अइसेसिआणं नमो साइणंति भणिता निरइसेसिआणं पिह्ओ ठायंति न निसीयंति । समणीओ पुरत्थिमेणं चैव दारेणं पविसित्ता तित्थयरं ति पयाहिणी करित्ता वंदित्ता नमो तित्थस्स नमो अइसेसिआणं नमो साइणंति भणिता वेमाणिआणं देवीओ पिह्ओ ठायंति न निसीयंति । भवणवासिणीओ देवीओ जोइसिणीओ वंतरीओ एआआं दाहिणेण दारेण पविसित्ता तित्थयरं ति पयाहिणी करित्ता वंदित्ता य दाहिणपच्छिमेणं ठायंति भवणवासिणीणं पिह्ओ जोइसिणीओ तासिं पिह्ओ वंतरीओ । भवणवासिदेवा जोइसिआ देवा वाणमंतरा देवा एए अवरदारेणं पविसित्ता तं चैव विहिं काउं उत्तरपच्छिमेणं ठायंति जहासंखं पिह्ओ । वेमाणिआ देवा मणुस्ता मणुस्सीओ अ उत्तरेणं दारेणं पविसित्ता उत्तरपुरित्थिमेणं ठायंति जहासंखं पिह्ओ ॥ एषा चूर्णिरथ वृत्तिः ।

अथ च मूलवीकाकारेण भवनपतिप्रभृतीनां स्थानं निषीदन् वा स्पष्टाक्षरैर्नोक्तम् । अवस्थानमेव प्रतिपादितम् । पूर्वचार्योपदेशलिखितपद्धिकादिचित्रकर्मबलेन तु सर्वाश्चतस्र एव देव्यो न निषीदन्ति । देवाश्चत्वारः पुरुषाः स्त्रियश्च निषीदन्तीति प्रतिपादयन्ति केचनेत्यलं प्रसंगेन ॥ १५ ॥ १६ ॥

(V. 15.) (I.). The male ascetics, Vaimānika goddesses and female ascetics, (II.) the goddesses of the Bhavanapatis, Jyotishkas, and Vyantarās, (III.) the three classes of gods, and (IV.) the Kalpasuras, men and women, (having entered the *samavasaraṇa* from the east) and other cardinal directions respectively) stand in the south-east and other intermediate directions respectively.

(V. 16.). The four (orders of) the goddesses and female ascetics remain standing, and men, women, the (four orders of the) gods and male ascetics sit. Thus do the (first) five and the (second) seven [*i. e.*, in all twelve] congregations listen to the sermon from (*i. e.*, remaining in) the first (*i. e.*, uppermost) rampart.

There are twelve congregations, of which five stand up and seven sit down. The former are Sramāṇis and the four divisions of the goddesses, *viz.*, the wives of Vaimānikas, Bhavanapatis, Jyotishkas, and Vyantarās. The latter are just these four classes of gods, Sramāṇas, men and women.

We need not enter further into the details of the commentary, especially as they have been sufficiently well set forth in the following verses from the *Trishasṭi-sādhā-purusha-charitra*.

प्रविश्य पूर्वद्वारेण कृत्वा च विः प्रदक्षिणाम् ।
तीर्थनाथं तीर्थं च नत्वा प्राकार आदिने ॥ ४६९ ॥
स्थानं विहाय साधूनां साध्वीनां च तदन्तरे ।
पूर्वदक्षिणदिश्यूर्ध्वास्तस्थुर्वैमानिकालियः ॥ ४७० ॥

शुग्मम् ॥

प्रविश्यापाच्यद्वारेण विधिना तेन नैर्ऋते ।
क्रमेणास्थुर्भवनेशज्योतिष्कच्यन्तरालियः ॥ ४७१ ॥
प्रविश्य प्रत्यग्द्वाराद्याग्विधिपूर्वं मरुहिशि ।
अतिष्ठन्भवनपतिज्योतिष्कच्यन्तराः सुराः ॥ ४७२ ॥
प्रविद्योदीच्यद्वारेण तेनैव विधिना क्रमात् ।
ऐशान्यां कल्पदेवाश्च नरा नार्योऽवतस्थिरे ॥ ४७३ ॥

Translation.

(Vs. 469-70). Having entered by the eastern gateway, having performed the circumambulation thrice and having saluted the *tīrtha* and the lord of the *tīrtha* (i.e., the Jina) on the first (i.e., uppermost) rampart, the Vaimānika goddesses, having left the place of the male and the female ascetics, remained standing in the south-east direction in their midst.

(V. 471). Having entered by the southern gateway, the wives of the Bhavanapatis, Jyotishkas and Vyantarās, after (the performance of) the same mode (of salutation), remained in order in the south-west.

(V. 472). Having entered by the western gate, the gods Bhavanapatis, Jyotishkas and Vyantarās, after (performing) the previous mode (of salutation), remained in the north-west.

(V. 473). Having entered by the northern gate, and (performed) the same mode of salutation, the Kalpadevas, men and women, remained in succession in the north-east.

इअ आवस्तयविन्ती वृत्तं चुन्नीइ पुण मुणि निविडा ॥
वेमाणिणिसमणी दो उट्ठा सेता ठिआ उ नव ॥ १७ ॥

मुनयो निविडा उत्कृष्टिकासिंहासनेन वैमानिकादेवी अमणी द्वयं उट्ठं स्थिता । शेषा नव सभाः स्थिता उपविष्टाः ॥ १७ ॥

(V. 17). (Such is the *Āvasāyaka-vṛitti*, but it is said in the *Chārṇī*, that) the Munis (male ascetics) sit (in an *utkaṭikā*⁸ attitude); the Vaimānika goddesses and female ascetics both stand, and the nine remaining congregations sit (ordinarily).

वीअतो तिरि ईसाणि देवच्छंदो अ जाण तइ अंतो ॥
तह चउरसे दुदु वावि कोणउ वडि इकिंका ॥ १८ ॥

द्वितीयवप्रान्तस्तिर्यञ्चः । तत्रैव ईशानकोणे प्रभोर्विश्रामार्थं देवच्छन्दक्रः रत्नमयः । यानानि वाहनानि भवन्ति तृतीयवप्रान्तः । चतुरसे सर्वकोणेषु वापीद्वयं वृत्ते च एकैका । बहिवप्पसारमञ्ज्जे दोदो वावी अ इति कोणेषु इति च स्तोत्रान्तरे पाठः ॥ १८ ॥

(V. 18). Inside the second (rampart) are the animals and, in the north-east (corner thereof) a *devachchhanda*; inside the third are the vehicles and also two step-wells in each corner when it is a square, and one (at each gateway) when it is a round, *samavasaraṇa*.

The following from Hemachandra's work may be cited in this connection :—

प्रतिद्वारं च चक्रे तैर्वापी काञ्चनपङ्कजा ।
समवसरणवप्र इव द्वारचतुःकभूत् ॥ ४४३ ॥
प्राकारस्य द्वितीयस्यान्तरे चोत्तरपूर्वतः ।
देवच्छन्दं विचक्रुस्ते स्वामिविश्रामहेतवे ॥ ४४४ ॥
द्वितीयस्य तु वप्रस्य तिर्यञ्चस्तस्युन्तरे ।
वाहनानि तृतीयस्य प्राकारस्य तु मध्यतः ॥ ४४६ ॥
प्राकारस्य तृतीयस्य बाह्यदेशेऽभवन्पुनः ।
विशन्तः केपि निर्यान्तः केपि तिर्यग्नरामराः ॥ ४४७ ॥

⁸ *Utkāṭikā-sinhāsana* of the commentary, which is meaningless, is probably a mistake for *Utkāṭik-āsana*,

Translation.

443. At each gateway they constructed a step-well with gold lotuses and bearing four doors like the rampart of a *samavasaraṇa*.

444. In the north-east of the interior of the second rampart, they prepared a chamber for the rest of the Lord.

476. Inside the second rampart stood the animals, but in the middle of the third the vehicles.

477. Outside the third rampart again, were some animals, men and gods entering or going.

पीअ-सिअ-रत्त-सामा सुर-वण-जोइ-भवणा रयणवण्ये ||

धणु-दंड-पास-गयहत्थ सोम-जम-वरुण-धणयक्खा || १९ ||

अथ रत्तमये प्रथमवप्रे पूर्वादिद्वारचतुष्केऽपि क्रमेण द्वारपालदेवानां नामादिकमाह । सोमयमवरुणधनराक्षस
य थाक्रमं पीतादिवर्णाः सुरादयः धनुर्दण्डपाशगदाहस्ता द्वारपालाः || १९ ||

(V. 19.) At (the eastern and other gateways of) the rampart of jewels (*i.e.*, the first or the uppermost rampart) stand Sura (Vaimānika), Vāṇa-Vyantara, Jyotishka and Bhavanapati, respectively, called Soma, Yama, Varuṇa and Dhanada, yellow, fair, red and dark (in complexion) and with hands bearing a bow, staff, noose and mace respectively.

Side by side with this may be read the following verses from Hemachandra:—

तत्र प्रथमवप्रस्य द्वास्थौ प्रागुद्धारि तस्थतुः ।

स्वर्णवर्णाबुभयतौ वैमानिकदिवौकसौ || ४४५ ||

तस्यैव दक्षिणद्वारे पार्श्वयोर्द्वारपालकौ ।

प्रतिबिम्बे इवान्योन्यस्यास्थातां व्यन्तरौ सितौ || ४४६ ||

अभितः पश्चिमद्वारं ज्योतिष्कौ द्वारपालकौ ।

रक्तवर्णौ वितष्टाते सायमिन्दुरावी इव || ४४७ ||

तस्थतुश्च प्रनीहाराबुत्तरद्वारपार्श्वयोः ।

भवनाधिपती कृष्णौ मेधाविव समुन्नतौ || ४४८ ||

Translation.

445. There, at the eastern gateway of the first rampart, stood on both sides as door-keepers two Vaimānika gods of gold complexion.

446. At the southern gateway of that (*samavasaraṇa*) on two sides stood as door-keepers two Vyantaras, fair in (complexion) (and looking) as if they were reflections of each other.

447. On both sides of the western gateway, stood two Jyotishka door-keepers of red complexion (and looking) like the sun and the moon, at the evening time.

448. And on the two sides of the northern gateway stood as door-keepers two dark-complexioned and tall Bhavanapatis as if (they were) two dark and lofty clouds.

जयविजयाजिय अपराजिअत्ति सिअअरुणपीअनीलाभा ।

बीए देवीजुअला अभयंकुसपासमुगरकरा || २० ||

तइअचहि सुरा तुंबरुखडंगि कवालिजडमउडधारी ||

पुव्वाइ दारवाला तुंबरुदेवो अ पडिहारी || २१ ||

(V. 20). At (the gateways of) the second rampart stand in pairs the goddesses Jayā, Vijayā, Ajitā and Aparājitā, of fair, reddish, yellow and blue complexion and with an *abhaya*, goad, noose and hammer (*mudgara*) in (their) hands.

(V. 21). Outside the third rampart are the gods Tumbarus (at each gateway) holding a *tumbaru*, skull-crowned mace and a garland of skulls (and) bearing matted hair like a coronet.

This account may be supplemented by the following lines from Hemachandra's work:—

द्वितीयवप्रद्वारेषु प्राक्क्रमेण चतुर्वर्षि ।

सर्वा अभ्यभयपाशांकुशमुद्गरपाणयः || ४४९ ||

देव्यो जया च विजया चाजिता चापराजिता ।

तस्थुश्चन्द्रादमशोणादमस्वर्णनीलविषयः क्रमात् || ४५० ||

|| युग्मम् ||

अन्त्यवप्रे प्रतिद्वारं तस्थौ द्वास्थस्तु तुम्बरुः ।

खड्गज्ज्ञी वृश्चिरःसर्ग्वी जटामुकुटमण्डितः || ४५१ ||

Translation.

(Vs. 449-50). At the four gateways of the second rampart, in accordance with the order, stood the goddesses Jayā, Vijayā, Ajitā and Aparājitā, all with *abhaya*,⁹ noose, goad and hammer in (their) hands (and) with complexion like the moon-stone, ruby, gold and blue.

(V. 451). At each door of the last rampart stood as door-keeper Tumbaru, bearing a skull-crowned mace and a garland of human skulls, and decorated with matted hair and coronet.

सामन्नसमोसरणे एस विही एइ जइ महिद्धिसुरो ॥

सन्वमिणं एणोवि इ स कुणइ भयणेयरसुरसु ॥ २२ ॥

एष विधिः सामान्यसमवसरणे । यदि महिद्धिको देवपतिः स एकोऽपि सर्वमिदं करोति । यदीन्द्रा नाग-
च्छन्ति तदा भवनपत्यादयः कुर्वन्ति । समवसरणं वा न वा इति भजना । भयणेयर सुरसुप्ति इतरसुरेषु भजना
कुर्वन्ति न वेति ॥ २२ ॥

(V. 22). If there be a god possessed of high supernatural powers, i. e., Indra, he alone does all this ; if not, the other gods may or may not do it. This is the rule in the case of ordinary *samavasaraṇas*.

पुण्वमजायं जत्थउ जत्थेइ सुरो महिद्धिमघवाई ॥

तत्थ ओसरणं नियमा सययं पुण पाडिहेराइ ॥ २३ ॥

यत्र च तत्तीर्थकरापेक्षया अभूतपूर्वं समवसरणं येन च श्रमणेनादृष्टपूर्वं तेन तत्र द्वादशयोजनेभ्यः आग-
न्तव्यं स्यात् । अनागमे तु तस्य चतुर्लघवः प्रायश्चित्तं भवति । यदुक्तं ॥ जत्थ अपुण्वो सरणं अदिहपुण्वं च
जेण समणेण । बारसहिं जोओहेहिं स एइ अयागए लहुआ ॥ तथा प्रभुः प्रथमपौरुषीं संपूर्णां यावद्धर्ममाचटे
अभ्रान्तरे बलिः प्रविशति । तं च बलिं क्षिप्यमाणं देवादयः सर्वेपि यथोचितं गृह्णन्ति सर्वानयप्रशमनं शुभं । तेन
च षण्मासास्तरे नान्यः कुप्यति रोगः । बलिस्तेपावतु प्रभुराद्यवप्रादुत्तरेण निर्गत्य ऐशान्यां देवच्छन्दकमेति ।
गणधरश्च द्वितीयपौरुष्यं धर्ममाचटेऽसंख्येयभवकथिता इत्यादिविस्तर आवाश्यकाश्चै ॥ २३ ॥

(V. 23). Where it is not done previously, and where there comes a god possessed of supernatural powers such as Maghavat and so forth, there the *samavasaraṇa* takes place with certainty ; (and) the *prātihāryas*, again, are (displayed) constantly.

The *prātihāryas* are eight, and are so called because they are constantly associated with the Jina. They are described in a verse which runs thus :—

अशोकवृक्षः सुरपुष्पवृष्टिर्दिव्यध्वनिश्चामरमासनं च ।

भामण्डलं दुन्दुभिरातपत्रं सत्प्रातिहार्याणि जिनेश्वराणां ॥

Translation.

The Aśoka tree, a shower of heavenly flowers, celestial music (accompanying the sermon), *chauri*, seat (i. e., lion-throne), nimbus, drum and parasol—(these are) the excellent *prātihāryas* of the supreme Jinas.

The commentator makes no comments on this verse, but supplements it with two items of information. The first is that if the *samavasaraṇa* of a *Tirthaṅkara* is the first of its kind, and if a *Sramaṇa*, who has never seen a *samavasaraṇa*, happens to be within twelve *yojanas* of it, he may absent himself from it on pain of performing a penance called *chatur-laghu*. Secondly, during the first fourth part of the day (*pauruṣhī*) when the Lord delivers a sermon, an oblation is thrown into the skies, which is partaken of by the various gods according to their rights, and thereafter, during the second *pauruṣhī* the Gaṇadhara gives a religious discourse after the Lord has made his exit from the uppermost rampart and resorted to the *devachchhamāda* in the north-east.

दुत्थिअसमत्थअत्थिअजणपात्थिअअत्थसत्थसुसमत्थो ॥

इत्थं पुण्वो लहु जणं तित्थयरो कुणउ सुपयत्थं ॥ २४ ॥

दुःस्थिता दुःखिता ये समस्तार्थिकजनास्तेषां प्रार्थितार्थपूरणसमर्थः लघु शीघ्रं जनं तीर्थकरः सुपदस्थं
मोक्षपदस्थं करोतु ॥ २४ ॥

इति श्रीसमवसरणस्नवस्वावचरेः संपूर्णा ॥

(V. 24). May the *Tirthaṅkara*, who is able to fulfil the objects asked for, by all the supplicants that are ill-circumstanced, being so praised, speedily grant good position to such people.

⁹ *Abhaya* is not a weapon, but means an *abhaya-pāṇi*, a hand so held as to indicate the granting of safety, as will be seen from the translation of v. 20 above,

Thus ends the gloss, on *Śrī-Samavasaraṇa-stava*.

From the above description it is clear that the *Samavasaraṇa* is a structure, constructed by an Indra, and, in default of him, by the gods, and, pre-eminently amongst them, the Vyantaras. The structure is intended for the delivering of religious discourse by a Jina, immediately after his attainment to the condition of a *keralin*. Each Jina had thus his own *Samavasaraṇa*; and, like all other objects, sacred to these Jinas, such as *Aṣṭāpada*, *Sammata*, *Śatruñjaya* and so forth, *Samavasaraṇa* is also sculptured. Not a single Jaina temple of eminence exists without a sculpture of *Samavasaraṇa* in it. Fig. 1 represents that in the temple of Vimala Śā on Mount Ābū, as stated above. This sculpture is in a side chamber near the south-west corner. But there is another, larger but plainer, in the *Hāṭhi-śālā* of the same temple. In the figure in question, the *Samavasaraṇa* represented is a round one. The three ramparts of it with their battlements can be recognised without any difficulty. Two gateways of each rampart are here visible, and at each gateway may be seen two door-keepers, standing, but too indistinct to be identified with those whose details have been specified above. On the lowermost rampart, between the door-keepers of the two gateways, are one elephant and one horse, and between these two a step-well,—doubtless the *vāhanas* and *vāpī*, which, according to verse 18, are to remain in that rampart. In the intermediate one, are noticeable the *tiryāñchah*, i. e., the lower animals such as deer, stags, and so forth, of which one is undoubtedly fabulous. In the first, i. e., uppermost, rampart are shown several persons squatted and with hands folded, unquestionably the twelve congregations that come to listen to the religious sermon. It is, however, curious that all of these are represented as sitting and none standing, as some at any rate ought to stand, as verses 16 and 17 distinctly tell us. On this rampart can no doubt be recognised the lion-thrones with a *dharmachakra*, or wheel of the law carved in front, but all other details are different from those specified in the works, and are exactly those of an ordinary *chaumukh*. Thus the *devachchhamā* and the Aśoka tree are conspicuous by their absence here. Nay, the pose of the Jina here is the ordinary one of meditation, and not of teaching (*deśanā*) as it ought to be.¹⁰ In fact, I have not yet found any *Samavasaraṇa* which faithfully depicts all or even almost all the details set forth in the works.

It is worthy of note, that like the *Chaumukh* or *Aṣṭāpada*, even temples are built dedicated to *Samavasaraṇa*. One such exists on Kumalgaḍh in the Udaipur State, though in a somewhat ruinous condition. It is locally known as the Golerā temple from the round (*gol*) enclosure wall that surrounds it. Like a *Chaumukh* temple it has four doors. "It was not, however, a *Chaumukh*, but a *Samavasaraṇa* temple. This is doubtless seen from the different classes of gods and goddesses sculptured at the corners of the walls near the top of the interior. Near the western door of the shrine is a fallen sculpture with an inscription on it. It is dated V. S. 1516, and speaks of one Goimda as having caused to be made the pedestal (*parikara*) of Yugādideva, i. e., Rishabhadeva in (the temple of) *Samavasaraṇa*. This shows that the *Samavasaraṇa*, i. e., the first sermon in question, was of the first *Tīrthāṅkara*."¹¹ With regard to "the different classes of gods and goddesses sculptured," the following notes were taken down by me in my notebook when I visited Kumalgaḍh.

South-east corner: (I) Inscription. *Āgneya-kūṇi 1 parshada mahātmanān rūpa*=south-east corner, 1st congregation: 4 figures of the high-souled (sages). [These are male ascetics sitting on *āsanas* with the right foot dangling and the left placed on the knee of the right; hands folded, with besoms between hands and breasts; heads like those of the modern Jatis].

¹⁰ This view is corroborated by the *Chaitya-vandana-bhāṣya*, which runs as follows:—

अत्र केचिच्चैत्यगृहादिषु दृश्यमानमेव जिनासनं वसन्ति । परमेष लोकव्यवहारः । निश्चयस्तु भगवान्पाद-
पीठे पादौ संस्थाप्य सिंहासने निषण्णः सन्योगमुद्रया करौ धृत्वा देशनां करोतीति ।

¹¹ *Prog. Rep. Archaeol. Surv. Ind., West. Circle*, for 1908-09, p. 40.

South-east corner : (II) Inscription. 2 *Parshada Vaimānika-devānām 4 rūpa* = 2nd congregation: 4 figures of the Vaimānika goddesses. [Females standing with hands folded near breasts; heads bearing five-peaked coronets.]

South-east corner : (III) Inscription. 3 *Parshada mahāsatinām 4 rūpa* = 3rd congregation : 4 figures of the great *Sādhvis*. [They are four female ascetics, all standing. Three face full front with hands folded and besoms held like the Jatis above. The fourth has her face turned towards the right; her left hand is lowered and holds a besom, and the right is upraised and bears a manuscript; her feet are touched by a person fallen prostrate.]

North-east corner : (IV) Inscription. *Naiṣṭika-kāni 4 parshada Jyotishinī-devī¹²* = North-east corner, 4th congregation. The Jyotishka goddesses [though the number is not here specified through inadvertence, I think, these are four females standing. The remaining details as in II].

North-east corner : (V) Inscription. 5 *Parshada Bhavanapati-devānām 4 rūpa* = 5th congregation : four figures of the Bhavanapati goddesses. [Four females standing with hands folded near breasts and heads canopied by three-hooded cobras.]

North-east corner : (VI) Inscription. 6 *Parshada Vyāntaranī-devānām 4 rūpa* = 6th congregation : four figures of the Vyantara goddesses. [Four females standing. The remaining details as in II.]

North-west corner : (VII) Inscription. *Vāyavya-kāni 7 parshada Jyotishī-devānām 4 rūpa* = north-west corner, 7th congregation : four figures of the Jyotishka gods. [Four males sitting and with hands held as in I, head-dresses raised in three tiers.]

North-west corner : (VIII) Inscription. 8 *Parshada Bhavanapati-devānām 4 rūpa* = 8th congregation : four figures of the Bhavanapati gods. [Four males sitting, as in VII; heads canopied by three-hooded cobras.]

North-west corner : (IX) Inscription. 9 *Parshada Vyāntara-devānām 4 rūpa* = 9th congregation : four figures of the Vyantara gods. [Four males sitting; details as in VII.]

South-west corner : (X) Inscription. *Īśānakāni 10 parshada Vaimānika-devānām 4 rūpa* = south-west corner, 10th congregation : four figures of Vaimānika gods. [Four males sitting, as in I.]

South-west corner : (XI) Inscription. 11 *Parshada Manuṣhyānām 4 rūpa* = 11th congregation : four figures of men. [Four males sitting, as in I, but with beards.]

South-west corner : (XII) Inscription. 12 *Parshada Mānuṣhī-strīnām 4 rūpa* = 12th congregation : four figures of women. [Four females standing; one only has her head-dress raised in three tiers.]

These notes speak for themselves, but it is evident from them that the intermediate directions such as the south-east, north-east and so forth, assigned in the Golerā temple at Kumalgaḍh to the various congregations exactly agree with those specified for them in the works. There is also a perfect agreement as to who is to stand and who to sit except in one respect. In the Golerā temple the twelfth congregation, *i. e.*, women, is sculptured standing, whereas, in verse 16, as we have seen above, they are represented as sitting.

Whenever the diagram of a *Samavasaraṇa* is given in old works, it is always represented as in Fig. 2. It is, roughly speaking, a ground-plan of it. Instances of it are also met with in temples. There is a representation of it in a ceiling of the north corridor of Tejaḥpāla's temple on Mount Ābū. The Jaina temples at Kumbhāriā also in the Dāntā State contain similar representations. It is, in fact, the custom in Jaina temples to carve ceilings with the principal incidents in the life of the Jina, to whom the main shrine or a corridor cell is dedicated.

¹² *Devānām 4 rūpa* was originally meant to be engraved.

THE KALIYUGA, YUDHISTHIRA AND BHARATAYUDDHA ERAS.

BY S. P. L. NARASIMHA SVAMI, Esq. ; VIZAGAPATAM.

THE usual eras, by which our Hindus assign dates to events are, like the Christian era of the West, the Vikramārka and Śilivāhana, otherwise known as *Saṃvat* and *Saka* respectively. Of these, the latter begins 78 years after and the former 56 years before the Christian era. So when they had to deal with events before the commencement of the Vikrama era, they did not adopt the system of retrograde calculation, but used other eras which began many thousand years before it. Two of these are the *Yudhishṭhira* era and *Kaliyuga*. Besides these the same writers reckoned their dates according to yet another era, which we can rightly call the *Bhāratayuddha* era like the *Anus Urbis Condite* of the Romans. One understands the importance of these eras to the history of India, when one comes to know that the Kashmir chronology of the *Rājataranginī*, the Magadha chronology as well as the chronicles of the solar and lunar races of the *Purāṇas*—these and other chapters of the ancient history of India—chiefly base themselves on the abovenamed ancient eras. Moreover, as deeper and deeper researches are made into the history of our land, the importance of these ancient eras increases considerably.

At present, however, our modern astrologers and others make use only of the *Kaliyuga* along with *Vikramārka* and *Śilivāhana* eras. But they have certain data from which they can calculate the other two ancient eras, *viz.*, *Yudhishṭhira* and *Bhāratayuddha kāla*, and the data are such that the results of their calculation show that these eras are identical with *Kaliyuga* in respect of their beginning. For instance, taking the year A.D. 1901-2, it is dated 1823 Saka and 5002 Kali. Therefore, *Saka begins with Kali 3180*. Again, they say that the year, according to the *Yudhishṭhira* era, is obtained by adding 3044 to the Vikrama Saṃvat which, in its turn, is got by adding 135 to the Saka date. This, we learn from the following of *Pañchāṅga-sarāṇi* :—

अस्मिन् कलियुगे षट् शका वर्तन्ते—

युधिष्ठिरो विक्रम-शालिवाहनौ ततो नृपस्यादिजयामिनन्वनः ।

ततस्तु नागार्जुनभूपातिः कलिः कलौ युगे षट् शककालवत्सराः ॥

एतेषां प्रमाणाब्दाः—

क्रमेण वेदांबुधिचून्मयरामाः [३०४४]

शरामिचन्द्राः [१३९] खखखादिभूमयाः [१८०००] ।

ततोऽयुतं [१००००] लक्षचतुष्टयं च [४०००००]

शशाङ्कनेत्राष्ट [८२१] मिताः शकाब्दाः ॥

So the date of the *Yudhishṭhira* era also is obtained by adding 3179 to the Saka year ; *i.e.*, the Saka begins with the 3180th year of the *Yudhishṭhira* era. Again, on a hill near Aihole, Bijapur District (Bombay Presidency), there is an inscription,¹ in a Jaina temple of Pulakēś II, of the Chalukya family, in which it is stated that the temple was erected 3735 years after the Mahābhārata battle and when 556 years of the Saka era had passed. The verses of the inscription run thus :—

त्रिंशत्सु तिसहस्रेषु भारताशहवदितः ।

समाब्धशतयुक्तेषु गतेष्वब्देषु पञ्चसु [३०३५] ॥

पञ्चाशत्सु कलौ काले षट्सु पञ्चशतासु च ।

समासु समतीतासु शकानामपि भूभुजाम् [५५६] ॥

Hence we clearly see that the Great Battle is supposed to precede the Saka era by (3735—556=) 3179 years; i.e., the Saka begins with the 3180th year of the Bhāratayuddha era also.

Now, in considering whether these three eras are really identical with one another, we must note that they are somehow or other connected with the kings of Hastināpura who flourished about the time of the Great Battle. So we must first understand who were the monarchs of that city about that time. Chronologically they are:

- i. Santanu.
- ii. Vichitravīrya (his son) assisted by Devavrata (Bhishma).
- iii. Dhṛitarāshṭra, the blind.

Dhṛitarāshṭra was blind from birth. So, though he was the crowned monarch, there were appointed regent princes to rule over the country. First, his brother, Pāṇḍu, supplied the place. After the death of Pāṇḍu, and before the Pāṇḍavas and the Dhārtarāshṭras attained their majority, Devavrata or Bhishma reigned as regent. When he attained his majority, Duryodhana assumed the office; and Yudhishṭhira, who was the eldest was pacified by the grant of a portion of the kingdom. It is during the regency of Duryodhana that the Great Battle took place—the world-renowned battle of Kurukshetra—between the Pāṇḍavas and the Dhārtarāshṭras. After the battle, the victorious Pāṇḍavas did not dethrone their blind uncle, but Yudhishṭhira, with his four brothers, acted as his regents. This regency of Yudhishṭhira lasted for fifteen years.

पाण्डवाः सर्वकार्याणि संपृच्छन्ति स्म तं नृपम् ।

चक्रुः तेनाभ्यनुज्ञाताः वर्षाणि दश पञ्च च ॥ ६ ॥ [अध्या. २]

ततः पञ्चदशे वर्षे समतीति नराधिपः ।

राजा निर्वेदनापेदे भीमवाग्वाणपीडितः ॥ १३ ॥ [अध्या. ३.]

(महाना—आश्रम-पर्व.)

Translation.—The Pāṇḍavas consulted the king in all matters, and performed them according to his orders, for fifteen years.

Then when the fifteenth year passed away, the king had much depression of spirits, being inflicted by the words of Bhīmasena.

Thus we see that Yudhishṭhira did not become the independent ruler of Hastināpura, until fifteen years after the Great Battle, i.e., until the retirement of Dhṛitarāshṭra. Then Yudhishṭhira sat on the throne of Hastināpura for 35 years; and it is said that in the 36th year he saw indications of destruction.

पद्मिन्ने स्वयं संप्राप्ते वर्षे कौरवनन्दनः ।

ददर्श विपरीतानि निमित्तानि युधिष्ठिरः ॥ २ ॥ [अध्या. २.]

(महाना—मौस—पर्व.)

Translation.—Then, the thirty-sixth year having come, the Kaurava prince, Yudhishṭhira, saw many forebodings.

Just then the king received the news that Kṛishṇa and the rest of the Yādavas (except the young and the female) had perished and that help for the protection of the survivors was needed. Thereupon, he sent Arjuna who offered libations to the dead. On his return the five Pāṇḍavas with their wife Draupadi started for Mahāprasthāna, leaving the kingdom in the hands of their grandson, Parikshit.

In the above verse the phrase पद्मिन्ने स्वयं संप्राप्ते वर्षे may be said to be indefinite, and a question may arise, why we should not understand by it as “the thirty-sixth year after the Great Battle.”

Here is the answer to the question. Nilakaṇṭha, the great authority on the *Mahābhārata*, says about this phrase in his commentary :—

तत्र राज्यप्राप्त्यनन्तरं षट्त्रिंशत्तमे वर्षे

and we have already seen that Yudhishṭhira did not assume the reins of sovereignty until 15 years after the Great Battle.

Hence we see that first the Great Battle took place ; next, 15 years after it, Yudhishṭhira became king, the blind king having retired to the forest to lead the life of an ascetic ; and in the 36th year of Yudhishṭhira's accession, the *nirvāṇa* of Kṛishṇa took place.

Now, *Bhāratayuddha* era, as the name itself explains, must naturally be reckoned from the date of the Great Battle, while the Yudhishṭhira era must evidently be reckoned from Yudhishṭhira's ascending the throne of the kingdom. Vāyu, Viṣṇu, Matsya and other purāṇas² are unanimous in declaring that Kaliyuga begins on the very day of Kṛishṇa's decease. Therefore it is obvious that the Yudhishṭhira era must have been older than Kaliyuga by 35 years ; and that the Great Battle must be assigned a date 15 years before the Yudhishṭhira era, or in other words half-a-century before Kaliyuga. In the instance cited above, since the year A.D. 1901-2 is dated 5002 Kali, it cannot be 5002 but 5037 Yudhishṭhira. Similarly, the same year must be 5052 Bhāratayuddha era and not 5002.

Yet there is one apparent objection to this. It is an objection to the old view as well. Let us consider what it is. Kalhaṇa, in his *Rājataranginī*, says :—

शतेषु षट्सु सार्धेषु त्र्यधिकेषु च भूतले ।

कलेर्गतेषु वर्षाणिमभूवन् कुरुपाण्डवाः ॥९२॥ [तरङ्गः २.]

Translation.—When three years and six centuries and a-half of the Kaliyuga had elapsed, the Kurus and the Pāṇḍavas flourished (on the earth).

This is consistent neither with the old view nor with the one expounded above by me. The fallacy of Kalhaṇa's calculation will be evident on a little consideration. He says³ that 2330 years have elapsed between Gonanda III and himself, and 1266 years between Gonanda II and Gonanda III. Therefore (2330+1266=) 3596 years must have elapsed between Gonanda II and himself, who lived in 1070 Saka.* This assigns a date (3596—1070=) 2526 years before the Saka era to Gonanda II. But from older authorities, Kalhaṇa learns the fact that king Gonanda II was too young at the time of the Great Battle to take part in it. According to the old view, the Battle of Mahābhārata took place 3179 years before Saka era (*i.e.*, at the beginning of the Kaliyuga), while Kalhaṇa's calculation makes the time of Gonanda II (a contemporary of Pāṇḍavas) to be 2526 years before Saka era. So to get over this difficulty, Kalhaṇa brings down the Pāṇḍavas to 635 (=3179-2526) Kali. This is the explanation of Kalhaṇa's calculation. The author's real mistake lies in the statement that 1266 years have elapsed between Gonanda II and Gonanda III. For he says in his own book :—

पञ्चत्रिंशन्महीपाला मन्ना विस्मृतिसागरे ! [1. 88].

Translation.—Thirty-five kings were drowned in the ocean of forgetfulness.

Such mistakes in his chronology led him to his wrong conclusion. As the inaccuracy of Kalhaṇa's chronology is discussed at length by Dr. M. A. Stein in the introduction to his English translation of the work *Rājataranginī* and also by Pandit Ananda Koul in his paper⁵ on the History of Kashmir, I have here but briefly shown the unreliable nature of Kalhaṇa's statement.

² Vāyu (Siva), II, xxxvii, 422-23 ; Viṣṇu, IV, xxiv, 31-32. ; Matsya, colxxi, 51-52 ; Bhāgavata, XII, ii, 33.

³ Vide *Rājataranginī*, *Tarāṅga* I, śloka 53-54.

⁴ *Journal of A. S. B.*, Vol. VI, 'pp. 195-219 [N.S.].

⁵ *Ibid*, śloka 52.

SONGS OF THE MUTINY.

BY WILLIAM CROOKE (LATE I.C.S.).

(Continued from p. 124.)

No. IV.

The Mutiny—1857.

*Sung during the Mutiny and repeated by Rāmeśwar Dayāl Misrā of Kotārd, District Itāwā.
Recorded by Raghunandas, a teacher in the Kotārd School.*

Text.

Chaudah ki sāl jang Merat se shurū' huā. Badal, Karāpat, Bangāl barā Haṭṭā hai.
Bināsh kāl āyeṅ matī bhang bhaī Firangīn ki. Kālī Vilāyat dubāyā chattā hai.
Gāī aur sūar wāhī ke kārtus. Sunnat sipāhīn bikheṛ dage lattā hai.
Kahāin Dhawal Rām : "Ikkabhi chaudah ke sāl bich bhāgain Angrez log chhoṛī Kalkattā haiṅ.

Translation.

The war began at Meerut in the year fourteen.² Bombay, Madras and Bengal are great
Presidencies.³

When the time of destruction came, the English lost their heads⁴. Kālī wished to sink England.
The cartridges were of cow and pig's fat: when the soldiers heard of it they threw off
their uniforms.

Saith Dhawal Rām : "In the year fourteen have the English fled and deserted Calcutta.

No. V.

The Dirge of the Begams on the Banishment of Bahādur Shāh of Delhi.

*Sung by Sāligram Kayāsth of Āmarpur, District Itāwā.
Recorded by Lālā Prasad, a teacher in the School at Āmarpur.*

Text.

Ab kaisī kariho nimak harāmī deswā begāno kardīn, re ?
Galiān galiān raiyat rowāī, haṭiān baniā bajāj, re.
Mahāl meṅ baiṭhe Begam rowaiṅ, deharī paī rowaiṅ khawās, re.
Motī-mahal ki baiṭhak chhuṭī, chhuṭī hai Mīnā Bāzār, re.
Bāgh Zāmanīyān ki sairaiṅ chhuṭī, chhuṭe haiṅ mulk hamār, re.
Jo main aisi jānatī, miltī Lāṭ se jāyā, re.
Hāhā karatī, paiaṅ paratī, letī deswā chhorāgā, re.

Translation.

O, for what infidelity to my salt have I now been banished from my country ?
O, the people weep in the streets, the merchants weep in the shops,
O, the Princesses sit weeping in the Palace, and the servants weep at the door.
O, deserted is the meeting-place in the Women's Palace, deserted is the Fancy Bazar.
O, gone all the walks in the Zāmanīyā Gardens, gone is the whole country.
O, had I known of this, I would have gone to meet the Lord (Governor-General).
O, I would have lamented, I would have fallen at his feet, I would have got my country back.

² Samvat 1914 A D. 1857.³ The terms in the text are extremely interesting.⁴ *Lit.* became sunk in drugs.

No. VI.

Song in honour of the rebel Râni of Jhânsi.

Sung by Râmeshwar Dayâl Misrâ of Kotârd, District Itâwd.

Recorded by Raghunandan, Teacher of the School at Kotârd.

Text.

Râg Dâdarâ.

Khûb larî mardânî ; are Jhânsiwâlî Rânî.
 Burjân burjân topaîn lagâi daiñ, golâ chalai âsmânî.
 Are Jhânsiwâlî Rânî, khûb larî mardânî.
 Sugare sipâhiân ko peṛâ jilebî ; apne chabâi guṛ dhânî.
 Are Jhânsiwâlî Rânî, khub larî mardânî.
 Chhoṛ Morchâ, lashkar ko bhâgî ; dhûn ohe milai nahîn pâñî.
 Are Jhânsiwâlî Rânî, khub larî mardânî.

Translation.

Well fought the brave one ; O, the Rânî of Jhânsî.
 The guns were placed in the towers, the heavenly (magic) balls were fired.
 O, the Rânî of Jhânsî, well fought the brave one.
 All the soldiers were fed with sweets ; she herself had treacle and rice.
 O, the Rânî of Jhânsî, well fought the brave one.
 Leaving Morchâ, she fled to the army ; where she searched and found no water.
 O, the Rânî of Jhânsî, well fought the brave one.

No. VII.

Khudâganj (Fattehgarh), 1857.

Sung by Shital Parsâd Shuklâ of Mirzâpur.

Recorded by Râm Gharib Chaube.

Text.

1.

Kâhanpûr se kûnch kiyâ, ân Khûdâganj mârâ, mora.
 Châro taraf se bândhî morchâ, larê khub jangî gorâ.

2.

Sâbiq meñ chapî gai Dubâi, kiyâ jâgâ us ne hallâ.
 Parâ bândhî ke sawâr, pahunche pichhe se dhâyâ Ghallâ.

3.

Hindu kahate ' Râm Râm,' aur Musalmân ' Allah Allah.'
 Larê mard bedard khet meñ, uthe zor jin ke kallâ.

4.

Tuktuk hoyâ larê, sipâhî, nahîn pichhe moryo.
 Châro taraf se bândhî morchâ, larê khub jangî gorâ.

5.

Pahale hui muth bher, chale shamshîr, kathîn hui larâi.
 Khudâganj naddî ke ûpar larê sûrmâ sipâhî.

6.

Dhâwâ kar bargai Dubâi, zarâ nahîn dahshat khâi.
Mâre hâth chhâtî par barhkar, karî dast kî safâi.

7.

Karain wâr par wâr sipâhî katal karain porâ porâ.
Châro taraf se bândhî morchâ, laṛe khûb jangî gorâ.

8.

Pair bich pahire gurgâbî, badan ghānghrâ bannâtî.
Resham ke lachchhe kî topî, jis par kalangî labrâtî.

9.

Aise ran meñ ghuse surmâ jaise mast âwai hâthî.
Nahîn khauf marne ke, mutlaq na karain sârne ko chhâtî.

10.

Bain alag kamar kî lag bhag jinke latak rahâ jhorâ.
Châro taraf se bândhî morchâ, laṛe khûb jangî gorâ.

11.

Dhâwâ karhî ke barhe Firangî â pahunchhe naddî ke tîr.
Rahâ morchâ ek qutal karne ko, karne lage us kî tadbîr.

12.

Katate katate phauj kâtî gai : Juzabî jawân rah gayâ akhîr.
Kahâ karon târif main us kî ? Khûb kare us ne shâmshîr.

13.

Katî katî kar margaye surmâ, nâm nahîn apnâ borâ.
Châro taraf se bândhî morchâ, laṛe khûb jangî gorâ.

14.

Mâru mâru kâ mâru bâjâ, bajatâ bigule sâbiq dustûr.
Garar, garar, gar. gar, gar, gar, gar bajai, sang mâru tambûr.

15.

Mâru maya kâ narhâ chhâ rahâ, jin ke ankhoñ meñ bharpûr.
Mâr mâr karat, nahîn darate, baras rahâ mardon par nûr.

16.

Mâr mâr sangin sârne dushman kâ sinâ torâ.
Châro taraf se bândhî morchâ, laṛe khûb jangî gorâ.

17.

Risâldâr lai ke risâlâ kil kilâyâ ke ghus gayâ pil.
Mârî bârḥ goron ne top kî, huâ zamîn ûpar shâmil.

18.]

Jît liyâ dushman ko, barhe Firangî haiñ qâbil.
Dabal kûnch karke, naddî se hue Fattehgarḥ meñ dâkhil.

19.

Phaujân parî gain sab pareḍ par, huâ shahar meñ jab shahrâ.
Châro taraf se bandhî morchâ, laṛe khûb jangî gorâ.

20.

Jorî chhutîn harkâron kî, ghoron par âte aswâr.
“Khabar karo Bangash Nawâb ko fauj Firangî hai hazâr.”

21.

"Qutal hui Galla aur Dubâi, ghajab top gole ki mâr.
Nahin koi bachne ki surat, utar chalo Gangâ ke pâr."

22.

Beghmât Nawâb Bareli kunj kiyâ chorî chorâ.
Châro or se bândhi morchâ ; laṛe khûb jangî gorâ.

23

De deke sub nazar Lâṭ ko mile shahar ke sabukâr.
Luṭ muâf ho gai, sarâfâ khulâ shahar sârâ gulzâr.

24.

Kamalâpati kahan : Manî Râm sir jhalak rahî kalangî sardâr.
Lakhrâj Angrez Bahâdur, zabardast jin ki talwâr.

Translation.

1.

They marched from Cawnpore and faced the enemy at Khudâganj.
They made entrenchments all about them ; the white warriors fought well.

2.

First came on the Dubâi⁵ and made an attack (on the English).
Wing-bound (swift) horsemen came and behind them the Ghallâ made a rush.

3.

The Hindus cried ' Râm, Râm ' and the Musalmâns ' Allah, Allah. '
Fearless men fought in the field, and used all the force they could.

4.

The sepoy fought in small parties, and turned not back.
Entrenching themselves all round, the white warriors fought well.

5.

When the sides first met, sword was used and severe was the fight.
The brave sepoy fought at Khudâganj, above the river.

6.

The dauntless Dubâi advanced and had no hesitation.
They struck at hands and breast and showed their skill with weapons.

7.

Time upon time the sepoy struck their blows.
Entrenching all round them, the white warriors fought well.

8.

On their feet they wore boots, on their bodies, kilt.⁶
Tassels of silk on the hats and trembling aigrettes.

9.

The (British) braves entered the field like *vast* elephants.
With no fear of death they set the faces (lit. breasts) to the front.

10.

Round their waists, to the left, hung bags.
Entrenching all round them, the white warriors fought well.

⁵ Nick-names for the first of the rebel Bangash Nawâb of Bareli.

⁶ Ghâgrâ paltan, kilted battalion, Highlanders.

11.

The Europeans advanced quickly to the bank of the river.
One (rebel) trench only remained to be taken, and they made their plans.

12.

Cutting and cutting the (rebel) army was cut down : only Juzabi the hero, remained
What shall I say in his praise ? Well did he use his sword.

13.

Cut down and cut down the brave men died, not disgracing their names.
Entrenching all round them, the white warriors fought well.

14.

Drums upon drums were beaten and bugles sounded as is the custom.
Garar-garar, gar-gar-gar-gar was sounded with the sound of drums.

15.

The intoxication of the drums was upon them, and filled their eyes.
They killed and killed, they feared not, the light (of fight) shone upon the heroes.

16.

They struck with their bayonets and broke the breasts of the enemy.
Entrenching all round them, the white warriors fought well.

17.

The Commander took his troop (cava'ry) and went on to the bridge.
The white men fired their cannon and levelled it to the earth.

18.

The Europeans are very wise and they conquered the enemy.
Making a double march, they entered Fattehgarh from the river.

19.

The army were encamped on all the parade grounds, and the news of it was in the
city.
Entrenching all round them, the white warriors fought well.

20.

Messengers were sent in carriages, and horsemen came on horses.
"Let the Bangash Nawâb know that the European army is in thousands.

21.

"The Gallâ and Dubât (forces) have been slain, and the balls of their cannon are
wonderful.
There is no way of escape but by crossing the Ganges."

22.

The Begams of the Nawâb of Bareilly secretly left him.
On all sides they made entrenchments ; the white warriors fought well.

23.

The bankers of the city met the Lord (General) with presents.
He stopped the plunder (of the city), and the money-changers and all the city
opened again (for business).

24.

Saith Kamalâpati : on Manik Râm trembled the aigrette of the chief.[†]
The rule of the great English, whose is the conquering sword.

[†] First given by the English.

KUMARAGUPTA, THE PATRON OF VASUBANDHU.

BY PROF. K. B. PATHAK, B.A.; POONA.

IN VĀMAṆA'S *Kāvyaḍaṅkārā-sūtra-vṛitti*, we have the following important passage to which I beg to invite the attention of Sanskrit scholars, who are interested in the history of Indian literature :—

सौम्यं संप्रति चन्द्रगुप्तनयश्चन्द्रप्रकाशो युवा
जातो भूपतिराश्रयः कृतधियां दिष्टया कृतार्थश्रमः ।
आश्रयः कृतधियानित्यस्य वसुबन्धुताच्चित्तोपक्षेपपरत्वात्साभिप्रायस्त्वम्.

Kāvyaḍaṅkārā-sūtra-vṛitti, Chap. III, Sect. 2.

Vāṇivilāsa Press Ed., p. 86.

Translation.

“This very son of Chandragupta, young, shining like the moon, and the patron of men of letters has now become king, deserving congratulations on the success of his efforts.

The phrase: ‘the patron of letters’ is an instance of allusion, containing a reference to the ministership of Vasubandhu.”¹

Kumārāgupta, the son of Chandragupta II of the Gupta dynasty, is alluded to, in the half verse quoted by Vāmaṇa, as the patron of the illustrious Buddhist author, Vasubandhu. Paramārtha, another famous Buddhist author, who lived between A.D. 499-569, tells us that Vasubandhu died at the age of 80, during the reign of Bālāditya (Narasimhagupta)². This last-mentioned Gupta king was the grandson of Kumārāgupta. Vasubandhu was, therefore, contemporary with three successive Gupta kings, namely: Kumārāgupta, Skandagupta, and Bālāditya. Paramārtha's statement about Vasubandhu being 80 years old at the time of his death is thus confirmed by the literary evidence discovered in Vāmaṇa's work,³ which belongs to the end of the eighth and the beginning of the ninth century A.D. When Paramārtha, in his *Life of Vasubandhu*, speaks of king Vikramāditya of Ayodhyā and his crown prince Bālāditya as patronizing Vasubandhu, the Buddhist biographer obviously refers to the famous Gupta king Skandagupta who had the title of Vikramāditya. This confirms the identification which has been already proposed by Dr. Takakusu in his very valuable paper contributed to the *Journal* of the Royal Asiatic Society of Great Britain and Ireland for 1905, pp. 33-53. As regards the date of Vasubandhu, the Japanese scholar has very fully examined all the Chinese authorities bearing on the subject, and sums up his conclusion in the following words :—

“At present we must rest satisfied with the result at which we have arrived, however small it may be, in establishing the date of Vasubandhu in the light of Paramārtha's valuable work. We can thus take Vasubandhu's date, A.D. 420-500, as well-nigh settled, and with it those of Vindhyavāsa (Īśvarakṛishṇa), c. 450 (died before 480), and Vasurāta c. 480, being brother-in-law of Bālāditya, who ruled from A.D. 481 or thereabouts.”

This date of Vasubandhu and the identification of the Vikramāditya mentioned by Paramārtha with Skandagupta, the son of Kumārāgupta is now confirmed by the literary reference given above. Vasubandhu's most important work was the *Abhidharma-kośa*. When Saṅghabhadra challenged Vasubandhu to a personal discussion, the latter declined on the ground that “even a complete

¹ Attention to this passage was first drawn by M. M. Haraprasād Śāstri, but his conclusions were different. (*Jour. Beng. As. Soc.* for 1905, Vol. I, No. 10, p. 253).—D. B. B.

² Smith's *Early Hist. of India*, p. 293.

³ *Introd. to Kāvyaṇāḍī edition*.

refutation by the former would have no effect on his *kośa*." Vasubandhu's hope, that this literary production of his genius would be immortal, was amply realized, because the study of this *kośa* was so universally popular in the first half of the seventh century that, "even devout parrots expounded it." Bāṇa says:—

त्रिसरगपरैः परमोपासकैः शुक्रैरपि शाक्यशासनकुशलैः कोशं समुपदिशद्भिः

Harsha-charita, VIII, p. 317.

Bombay Sanskrit Series Edition.

Here the word *kośa* is explained by the commentator, Śaṅkara, as कोशो बौद्धसिद्धान्तो वसुबन्धुकृतः. Bāṇa is misunderstood and mistranslated by Prof. Macdonell, when he tells his readers that "pious parrots expounded a Buddhist Dictionary" (*History of Sanskrit Literature*, p. 333). This testimony of the Brāhmaṇ poet Bāṇa to the immense popularity enjoyed by the Buddhist author Vasubandhu and to the fact that to explain the *Abhidharma-kośa* was a very common attainment in the first half of the seventh century is very important. We need not, therefore, be surprised that the rhetorician Vāmana has preserved for us the historical fact that Vasubandhu enjoyed the patronage of Kumāragupta. The interesting half-verse, which Vāmana has rescued from oblivion, is evidently taken from some lost *Guptavaṃśamahādhikāvya*, in which the name of Vasubandhu is directly mentioned or which was composed by Vasubandhu himself, to congratulate Kumāragupta on his accession to the throne, as the word *saṃprati* in the verse shows. It may be hoped that manuscripts of this *Guptavaṃśamahādhikāvya*, or whatever it may have been really called, may yet be recovered in Kāśmīr, where Vasubandhu spent many years of his life.

NOTE ON THE DRAVIDIAN CASES.

BY P. SESHACHARI, ESQ.; GOKARAM.

IN the very interesting contribution to a 'Comparative Grammar of the Dravidian languages' on Dravidian Cases, by Mr. K. V. Subbayya, M.A., L.T., M.R.A.S. (above, May 1910), we are informed that 'the primitive Dravidian termination of the accusative was *am*, found in an unaltered form in old Kanarese.' I am inclined to believe that the primitive termination in Kannaḍa was not *am*, but *an*, as seen from the *saṃdhi* rules applied to substantive accusatives in combination with words having an initial vowel; cf., *Nṛiparaṇ-abhimānadhanaṇ-atiśaya viśāla kirtidhvaṇam* (*Kavirāja-mārga* II, 16), *palavumaṇ-ōḍagūḍire* (II, 18), *Kaṇḍosedan banadōḷage Janakatanayaḷaṇ-Āṇuvan* (II, 38), *paḍaṅgaḷaṇ-amardire* (II, 83). This is true of all genders and numbers. In the same paragraph we have 'In Mid. and New Canarese the *m* of *am* is softened to *n* and the transformed termination takes a final euphonic *u*, thus becoming *anu* or *annu*.' This is true without the 'softening' (?), since the primitive *an* can euphonically become *anu* or *annu*. 'For instance, we have *bhagavanu*, accusative of *bhagava*, god.' I have not been able to trace this *bhagava* or *bhagavanu* to any period of the Kannaḍa language unless as in Modern or New (so-called) Kanarese, both forms be regarded as accusatives of the Sanskrit *bhaga*, which evidently does not signify 'god.' The proper nominal theme in this instance would be *bhagavanta* from the Sanskrit *bhagavān* [see *Śabdamanī-darpaṇa-sūtra* 129; *Śabda-maṇi-darpaṇa* 86],

In quoting the *Śabda-maṇi-darpaṇa* 115, we have to remember, that it is not the *ge* of the dative that is optionally doubled, but the *g* of the *ge* termination.

In connection with the augment *in* of the genitive, apparently Mr. Subbayya uses *Śabda-maṇi-darpaṇa Sūtras* 108 and 109; but there is contradiction in (1) and (2) with regard to words ending in consonants which is not explained. Comparative study of the forms would render (1) untenable

for, cf., *Kaṇṇa pāpeyumu kavya nara mum-uḷḷannevaram (Kavi Kama, Salva)*. Words ending in consonants incorrectly took the augment *in*, and if we remember Kēśava's rule 48, 'the letters *y, r, l, n, ṇ, ḷ, R, L*, very often occur at the end of words without any vowel,' it is clear that in Kēśava's time (if not before) there was a tendency to terminate such words in a vowel, and as a consequence, the augment *in* came to be too frequently used. Kēśava's rule 109 should, therefore, be read with rule 48; and the inference is that for words ending in consonants, the augment *in* was an exception in a few instances: *āgaḷ, īgaḷ (ēgaḷ?)*, *paḡaḷ, iruḷ, sūḷ*. In other Kannaḍa words the *in* augment is an error (*dōṣha*). Saṅskṛit words ending in consonants do not become themes in Kannaḍa, until they have become the inflexion base. "Saṅskṛit nominal themes ending in consonants are in Kannaḍa made to end in *a* or *u* with the final consonant doubled or the final consonant dropped" (*Smd.* 86).

Again we are told that the Primitive Dravidian uses the post-position *ḷḍl* (instr.-abl.-loc.).

If by Primitive Dravidian is meant Old High Tamil, we should (in keeping with the principles of Dravidian Phonology) find the guttural preserved in Kannaḍa and dropped in Tamil (the late Primitive Dravidian). But we have a startling result from the comparative method. We find not *ḷḍl* (leg) but *kay* (Kannaḍa) or *Chey* (Telugu) (hand), which is not an improper instrumental post-position.

The post-position *tō-ḍan* is preserved in the adverbial form in Old Kannaḍa *oḍam*, Modern Kannaḍa *oḍane*, meaning 'at once.' But comparing *tirayigala suygaḷoḍaneyē piriyavu divaṅgaḷāḍuvavara varaparispuritaṅgaḷ oḍane kundidu viruḷgaḷum munche banda jalāḍḡamadoḷ (kāvyāvolōkhaṇa) giḷi-y-oḍan-ḍi-y-ḍi nūḍi galu maḍāla sa raja haṁsa maṇḍaḷi-y-oḍan-āḍi-y-āḍi naḍe galu* (*Smd.* S 195 ex), it will be evident that the post-position is not *oḍam* but *oḍan*, and that its use is not merely adverbial in the older dialect. It meant not only, 'at once' but 'with' also.

Under the locative—'In its primitive form *uḷ*, it is found in Tamil, Old Kannaḍa and in the word *unḍu* in Telugu. But in Middle Kannaḍa *uḷ* was changed to *oḷ*, *oḷ* ex *maradoḷ* in a tree, Tamil *marattuḷ*.' An important point in the history of the Kannaḍa language would have been settled if the grammarian had illustrated his statement regarding *uḷ* used as a post-position in what he calls Old Kannaḍa. If *uḷ* found a place in the list of case-signs in Old and Middle Kannaḍa (as certainly it does in Mr. Subbaya's table), it is a pity, we have not been lucky enough to find an example of its use. Dr. Kittel in his Dictionary writes *uḷ = oḷ = in, inside, etc.*, and quotes *uḷḷaralḍa = uḷ-(l-)aralḍa*, a compound verb, meaning in-blossomed, so that *uḷ* instead of being a post-position is here a pre-position. Though I have not come across the post-positional use of this *uḷ* in Kannaḍa literature (Old or Mid.), I am yet inclined to believe Mr. Subbaya's statement regarding Tamil *uḷ*, the dialectic equivalent of the Kannaḍa *oḷ*. The inclusion of *oḷ* as a locative case-sign in New Kannaḍa is probably a mistake, whilst that of *attan* + 3 in the table under New Kannaḍa is certainly an error.

Further, among the instrumental case-signs of Old and Mid. Kannaḍa, we find *im* for ablative *n*. Is this a real distinction between the case-signs? I am of opinion that it is *in* in both cases; cf. *Sampritiyīn-āvanan-agalaḷ (Kavirḍja-marga I, 1)*; *Sukhadin-ire* (II, 20); *atiśaya-dhavaḷokti-kramadina Ripuven* (II, 53); *janapati nijabāhu-yugadin-āślēshisidan* (II, 74); *vyatyadin-iḍuvōḍe* (II, 88); *gurulajjā bharadin-e Ragi* (I, 59); *adaRin-allig-ant-avu dōṣham* (I, 67); *tatvāḷōkadin-ḍkankṣhepa mukti-y-akḷum* (*Smd.* Pref. 10) *dhirarin-akṣhara* (*Smd.* I, 1). In fact, illustrations could be drawn from almost any work of the so-called Old Kannaḍa dialect.

Yet another case-sign might have been added to under the instrumental ablative *e* as in *bharade, teRade, kramade*, etc., which in a later period became *bharadi, teRadi, kramadi*, etc.; the change of *e* into *i* is found not in New Kannaḍa (if I understand Mr. Subbaya's New Kannaḍa aright), but in late Mid. Kannaḍa where the *i* stood for the instr.-abl.-loc. case-signs.

A SHORT NOTE ON THE COINS OF THE ANDHRA DYNASTY, FOUND AT
BATHALAPALLI, ANANTPUR DISTRICT.

BY Y. R. GUPTA, B.A.; NASIK.

THE learned Professor E. J. Rapson, M.A., has, in his unique and standard book, entitled *A Catalogue of the Indian Coins in the British Museum*, assigned a different class to the lead coins found in the Anantpur and Caddapah districts (Southern India). He says:—"The lead coins from Anantpur and Caddapah districts entitle them to be regarded as a distinct class. Like the coins of Fabric B from Andhradesa, they have a 'horse' for their obverse type; but they are of rougher workmanship and they have a different reverse type l. *caitya*; r. tree. This reverse, it may be noticed, connects them with the class which is tentatively assigned in the catalogue to Feudatories of the Andhra dynasty. Indeed it is not improbable that they may belong to the same class."¹

Specimens of the coins found at Bathalapalli are also noted further in the general description:—


" *Obverse*.—Horse standing r. above, ; in front, spherical object. Inscription not completely read.

Reverse.—Type (usually obliterated) left, *caitya* of six arches surmounted by a crescent; r., tree within railing; both standing on a pediment ornamented with scroll and dots.²²

Nine of these coins I have purchased through Mr. Henderson, Superintendent, Government Museum, Madras. I am glad to say, he has placed in my hands two coins, which, in my opinion, enable us to decide that, at least some of the coins found at Bathalapalli belong to the Andhra dynasty and not to their feudatories. They seem to be more regular in form. But so far as I know, no notice of the inscription on them is taken. Prof. Rapson says that it cannot be read. It appears that he was not fortunate enough in securing good specimens. One coin in my possession is covered with some red substance. The substance or colour—call it anything—is thick and fine, and is sufficient to preserve the coin and make it hard, so much so, that it cannot be scratched off with a penknife. But when the coating is removed, the lead yields to man's nails.

By applying impure soda (what we call *pāpādhār* in Marāṭhī), I am able to make out some words. The letters on my coin are rather small, but seem to be more carefully formed than any on the coins of the two feudatories of the Andhras, Chñṭukaḍānanda and Muḷānanda. The first word on it is *Rāṇo* and it is very clear. The second is *Vāsithiputasa* or *Vasaṭhiputasa* (the vowel is uncertain). But the letter *thi* is not as clear as one could wish, and the *va* is more ornamental than I have seen on other coins. As regards the remaining word, an eye copy of it is given below :—

U421 IV

The first letter seems to be *ka*, and the second like *ta*, but the second is indistinct and puzzles me a little. The line that follows is, I believe, a portion of the pedestal on which the horse is standing. Then comes *ka*. The next letter is half lost, but the lower half that remains can be tolerably made out. The last letter appears like *sa*  but is very indistinct, the vertical portion only being visible. I would thus like to take the word as *Hātakanisa*, which, evidently stands for *Sātakanisa* so that the whole name we obtain is *rañño Vāsishīputasa Hātakanisa*.³ The coin probably belongs to Vāsishīputra-Sātakarṇi, viz., the Sātavāhana prince of that name referred to in a Kanheri inscription.⁴

Another coin in my possession, which is a poor specimen, has *vd* on it. But nothing more can be said about it. By the bye it would not be out of place to remark that very small lead coins, or perhaps those of mixed metals having a tree on the reverse, are sometimes met with in the Nasik district. The tree is just like the one found on the coins of Mulānanda. But the obverse I am still unable to identify.

¹ Intro., p. lxxxi.

² P. 25.

⁵ The coin is much worn out, and does not yield any good cast. No illustration of it is, therefore, possible. There can, however, be no doubt about the reading proposed by Mr. Gupta, except in one respect. The initial letter of the third part of the legend is not *ka*, as he says, but simply *sa* with the slanting side stroke on the proper right being very much worn out.—D. R. B.

* *Arch. Surv. West Ind.*, Vol. V, p. 78.

SOME UNPUBLISHED INSCRIPTIONS.

BY D. R. BHANDARKAR, M.A.; POONA.

1.—Dhanop Inscription of Chachcha.

AN account of this inscription, whose transcript is given below, was first read by me in a Hindi booklet by Munshi Devi Prasad of Jodhpur entitled *Rājputānā-mem Prāchīna-śolha*. It appears from it that at Dhanop, sixteen miles north of Shāhpurā, capital of the principality of the same name in Rājputānā, two inscription stones were discovered as early as 1873, which have since disappeared. Impressions of the inscriptions were taken by Pandit Ramkaran of Tonk, and it was found that they both belonged to a Rāshtrakūṭa dynasty. One of these, however, was too fragmentary to allow anybody to make much out of it, but the other was, on the whole, well-preserved and gave in ten verses, an account of that dynasty. Two years ago, Pandit Gauṛishankar Ojha had occasion to examine the papers and impressions of Pandit Ramkaran, which are now in the possession of his grandson Pandit Ramnivas. He was able to find out the impressions of one of these well-preserved inscriptions, and was kind enough to send them to me to make known the contents of it to the antiquarian world, which is already indebted to him for preserving and bringing to light many valuable epigraphic records.

The impressions are not quite satisfactory, but with patience and perseverance they enable one to decipher almost the whole of the inscription with certainty. It contains 13 lines of writings, which cover a space of 1'-6½'' high by 7¾'' broad. Line 11 is followed by an indented line which divides it from the remaining. Lines 11—13, again, do not run over the whole, but are engraved only up to the half of the length of the inscription. The characters belong to the northern class of alphabets, which was prevalent during the 10th and 11th centuries. A noteworthy palæographic peculiarity of the inscription is the representation of the medial vowel *o* by superscript signs placed above the letters instead of by vertical strokes attached to their sides, no doubt, a reminiscence of what we find in the case of all medial vowels in the Vasantgaṇh inscription of Varmalāta, the Udaipur inscription of Aparājita, and so forth. Attention may also be drawn to the final *t* in line 13, and also to the numeral, in line 2. The language is Sanskrit and excepting *Oṃ namaḥ Śivāya* at the beginning and the date at the end, the whole record is in prose. In respect of orthography, the only points that call for attention are (1) the frequent doubling of *t* in conjunction with a following *r*, and (2) the use of *s* instead of *ś*.

The inscription opens with an obeisance to Śiva. Verse 1 invokes the blessings of that god. Verse 2 speaks of a king named Chachcha, who is represented to have revived the glory of the king Bhallila and to have rebuilt the temple, where the inscription was originally put up. Then we are told that in the lineage of the Rāshtrakūṭas there was a king called Bhallila (v. 3) and that his son was Dantivarman, who first built this temple (v. 4). The sons of the latter were the two kings, Buddharāja and Govinda (v. 5), who erected a temple apparently of red colour and surrounded it with the shrine of some *mātā*, a step-well and an orchard (v. 6). Many years after their demise, we are further informed, the land which had been granted to the god Śaṃbhu was resumed, and the temple fell in disrepair. Verse 8 says that there was a devotee of Śiva and of the Śaiva denomination named Nagna-bhaṭṭāraka, who saw that the god received no worship. He went to king Chachcha, and said: "O king, this temple belonged to the princes of your family," and induced him to renovate it, which, we are told, had been dedicated to Śiva under the name of Dhankeśvara (v. 9). This shows that Chachcha was a Rāshtrakūṭa, though we are not informed how he was related to the other Rāshtrakūṭa kings mentioned above. Then follows a verse expressing a wish for the endurance of the temple as long as the sun, the moon, the Ganges, &c., last. The eleventh or the last verse tells us that the inscription was engraved by Rāmadeva, son of Rāmranasāhi. The record ends with the date: Saturday, the 5th of the bright half of Vaiśākha of the [Vikrama] year 1063.

The importance of this inscription consists in the fact that this is a record of a second and new Râshtrakûṭa family found in Râjputânâ. The existence of the first was made known to us by an inscription found at Hâthunḍi near Bijâpur in the Bâli district, Jodhpur State. It was first published, but partially, by the late Prof. Kielhorn in the *Jour. Beng. As. Soc.*, Vol. LXVII, Part I, pp. 309-14, and has now been fully and critically edited by Pandit Ram Karna of Jodhpur in the *Ep. Ind.*, Vol. X, p. 17 ff. It informs us that a Râshtrakûṭa family was reigning in the tenth century at Hastikunḍi (Hâthunḍi). But our inscription attests the existence of an entirely new Râshtrakûṭa dynasty in Râjputânâ holding sway over a province nearly one hundred miles north-east of Hâthunḍi,

Text.¹

- 1 ओं² ओं नमः शिवाय ॥ गंगतोयेन सिक्ता³ ससिक्तुमुभूतो⁴ नेत्रवह्निप्रतापक्रोधोद्यत्कंपमानोद्धत-
भुजगफणपुच्छपत्रप्रवा⁵-
- 2 लाः । शोभाभूयंस्कपालप्रविरचितशिरोमालकैकालवालाः पापात्पांतु स्मरारेर्वरविकटजडावल्लयो वः सदैव ॥९
- 3 सुभ्राभामिदं⁶ भवस्य भवनं कारापितं⁷भूतले(1)प्रालेयाचलकूटसन्निभमुपसादादेवैः⁸ सह । श्रीभल्ली-
लनृपादिकीर्तिर-
- 4 मला नष्टा हि येनोद्धता(1)कीर्त्युद्योतितभूतलः स जयति श्रीचच्चनामा नृपः ॥[२*]अन्वये राष्ट्रकूटानां⁹
आसीच्छत्रुप्रमर्दनः । श्रीमां¹⁰ भल्ली-
- 5 भूपालो भूपालः सेवितक्रमः॥[३*] तत्सूनुर्दन्तिवर्माख्यः श्रीमानभूवृपोत्तमः । सचेदं कारितं तेन संभोर्भ-
वाब्धिमोचिना¹¹॥[४*]द्वावुत्पन्नौ सुतौ
- 6 तस्य(1)नृपावन्वयभूषकौ[1]श्रीबुद्धराजगोविन्दौ कीर्त्या ख्यातौ हि भूतले॥[५*] भक्त्या विधापितं
चाम्यामालोहितमंदिरं [मा]तृह[म्ये]ण [संयु]-
- 7 क्तं(1)वाप्या वाक्कियापि हि ॥[६*] शिवलोकप्रयातैस्तैर्हाय[नै]र्बर्द्धभि[र्ग]तैः । लुप्तायां शंभुभूमौ च
(1) ततः क्षीणे च मंदिरे ॥[७*] शिवभ[क्तो]भ-
- 8 वच्छैवो नमभट्टारकाभिधः । अनर्चनादिको [दृष्ट्वा] देवस्तेना[यमाभि]तः¹²॥ [८*] आसीद्रूप तवान्वये
नृपतय[स्ते]षामिदं कीर्तनं(1)
- 9 श्रीमच्चचनृप[स्य] पूर्णगुणिनोभ्या[ख्या]य चेत्यं पु[नः] । ह[र्म्य] [ते]न [विधापितं] क्षि[तितले]
धंकेस्वरस्य¹³ प्रभोः(1)साधुः सद्गुणसंयु[तः] स जयति श्रीनम-
- 10 भट्टारकः॥[९*] यावद्वातुस्तपति गगने शीतगुश्वाच्च तिष्ठे[त्] यावद्गंगा हिमशिखरिणी याति कल्लोल-
माला । अब्धौ यावच्च सहगिरिभिः
- 11 इमां फणेन्द्रो¹⁴ विधत्ते(1)तवत्सत्कीर्तिरियममला¹⁵ तिष्ठ
- 12 तु[र्व्यो] [सुमु] ह्रा ॥ [१०*] ¹⁶आलिख[नसन]त्कीर्णी¹⁷ ररनसाहिसूनुना । धी[मता] रा[मदेवेन]
- 13 बलाकसारभूनुना¹⁸॥[११*]संवत् १०६३ वोसाग¹⁹सुदि ५ सौरे

2.—Shergaḍh Stone Inscription.

This inscription was found engraved on a stone lying outside the temple of Lakshmi-Nārāyaṇa at Shergaḍh in the Koṭāh State, Râjputânâ. I edit it from an inked impression kindly supplied to me by Pandit Gaurishankar Ojha of Ajmer.

The record contains fifteen lines of writing, which covers a space of 1'-3" broad by 10½" high. The characters are Nāgarī. Of these, attention may be drawn to (1) the letter bh, whose form is rather peculiar, and (2) the subscript y, which gives the whole conjunct letter, the appearance

¹ From impressions of Pandit Ramkaran of Tonk supplied by Pandit Gaurishankar Ojha.

² Denoted by a symbol.

³ Read सिक्ताः

⁴ Read शशि°.

⁵ Read °पुच्छ°.

⁶ Read शुभ्रा°.

⁷ Properly कारितं; but this does not suit the metre.

⁸ One dot of this visarga is above, and the other below, वै.

⁹ Read °कूटानामासी°.

¹⁰ Read श्रीमान्.

¹¹ Read शम्भो°.

¹² There is some space left between the letters भि and तः

¹³ Read धंकेस्वरस्य.

¹⁴ Read फणीन्द्रो. ¹⁵ Read तावत्सत्कीर्ति°.

¹⁶ Read आलेखन°.

¹⁷ Read °समुत्कीर्णा°.

¹⁸ I am unable to understand the meaning of these words.

¹⁹ Read वैशाख°.

of ending in *d*, e.g., *Nagnakasya* in line 2, which looks as if it were *Nagnakasā*. The language is an imitation of Sanskrit strongly tinged with vernacular words and syntax. The whole of the record is in prose excepting the single verse *yasya, yasya, &c., &c.*, in line 8. In respect of orthography, attention may be drawn (1) to the use of the dental, instead of the palatal, *s*, and (2) to the occasional doubling of a consonant in conjunction with a preceding *r*. **Lexicography** calls for many remarks. In line 1 occurs the word *manḍapikā*, which is met with in many inscriptions of this and later periods. Its meaning is, however, suggested by the Marāṭhī *manḍvī* 'a custom-house.' In line 2, we have the word *karsha*, which, according to some authorities is equal to two *told*s, a *told* varying from 110 to 180 grains, according to local custom. Line 3 has the word *Kauptika*, which is of doubtful meaning. It occurs no less than three times in the Siyaḍoṇi inscription, and always in connection with *Manḍapikā*. Probably *Kauptika* denotes the head of the local customs office. *Vṛishabha* in line 4 is obviously the name of some coin, and so also is *Varāha* in line 7. This last word appears to be a short form of *Ādivarāha*, and is met with no less than three times in the Siyaḍoṇi inscription. Pallasālā, in line 6, probably means a store-house for grain, the Monier Williams' Dictionary giving the meaning of 'granary' for the word *palla*. The word *Āsanikā*, which occurs no less than seven times in the inscription, is found several times used also in Siyaḍoṇi inscription, and denotes in all likelihood 'a dwelling, residence.'

The inscription really consists of three distinct records. The first is dated the 3rd of the bright half Vaiśākha in the [Vikrama-] year 1074, and states that from the produce of the *Manḍapikā* or custom-house the *Seṭhs* Narasiṃha, Govṛisha and Dhīrāditya made, on the aforesaid date, a daily grant of one *karsha* of ghee as unguent to the feet of *Bhaṭṭāraka* Nagnaka. There can hardly be a doubt that this Nagnaka is the same as that of the previous inscription. The second record is dated the same day of the same month, but of the year 1075, and speaks of the benefactions of five *Vṛishabhas* from the produce of octroi duties by the *Kauptika* Varāṅga for sandal-incense to the god Somanātha. The third is a long record. It is dated the 13th of the bright half of Māgha in the [Vikrama-] year 1084. It records a series of benefactions. The first was made by *Thakura* Devaśvāmin, and consisted of (1) two of the oil-mills belonging to the oilman, *Thāiyāka* given for supplying lamp oil to the god Somanātha, (2) one shell cowrie from the granary establishment for incense and (3) two *Varāha* coins on the *saṅkrānti* of every month. *Āvāsānikās* or dwellings were given to the same god by various individuals, such as the traders *Imḍā* and *Mahidāka*, the oilman *Thāiyāka*, and so forth.

Text.²⁰

- 1 ओं ॥ संवत् १०७४ वैशाखसुदि²¹ ३ अक्षतृतीयायां मंडपिकायात्त्रेडिनरसिंहगोवृषधीरा-
- 2 दित्यैः भट्टारकभिनमकस्य पादाभ्यंगाय दिनं प्रति घृतकर्षमेकं १ प्रदत्तं । आचंद्रार्कं यावत् ।
- 3 संवत् १०७५ वैशाखसुदि ३ श्रीसोमनाथदेवाय चंदनधूपनिमित्तं मार्गशास्य कौशिक-
- 4 वरंगेन मार्गशास्यत् दत्त वृषभ ५ आचंद्रार्कं यावत् ॥ छ ॥ संवत् १०८४ माघसुदि १३
- 5 श्रीसोमनाथदेवस्य दीपतैलनिमित्तं ठक्कुरदेवस्वामिना तैलिकराज्याइयाकघाण
- 6 द्वौ प्रदत्तौ आचंद्रार्कं यावत् ॥ तथा पल्लसालायां धूपनिमित्तं कपर्देकवोडी १ दिनं प्र-
- 7 ति शतव्या आचंद्रार्कं ॥ तथा मासधारके संक्रांतौ वराह द्वौ प्रदत्तौ आचंद्रार्कं
- 8 यावत् । यस्य यस्य यदा भूमिस्तस्य तस्य तदा फलमिति ॥ श्रीसोमनाथदेवस्य वणि (1)
- 9 इशमहिषाकाभ्यां सत्कावासनि[का] प्रदत्ता । तैलिकथाइयाकेन सत्कावासनिका प्र-
- 10 दत्ता । तथा वणि सौंडाकेन सत्कावासनिका प्रदत्ता । तथा वणिक साइयाकेन स-
- 11 क्तावासनिका प्रदत्ता ॥ तथा वणिक श्रीहरजसोमाभ्यां स्वकीया वासनिकौ द्वौ २ प्र-
- 12 दत्तौ । तथा वणिकमहल्लकेन सत्कावासनिका प्रदत्ता ॥ तथा ²²संखिकलक्ष्मीचरण
- 13 सत्कावासनिका प्रदत्ता ॥ श्रीसोमनाथदेवपल्लिकापूर्वतः देवमर्यादा । पश्चिमतः
- 14 ठक्कुरकुंडणकस्यवासनिकामर्यादा । उत्तरतः मार्गमर्यादा²³ दक्षिणतः नदीमर्या-
- 15 दा । चतुराषाडसाधिता श्रीसोमनाथदेवपल्लिका ॥ छ ॥ मंगलं महाश्रीः ॥ छ ॥

²⁰ From impressions supplied by Pandit Gaurishankar Ojha.

²¹ Read वैशाख.

²² Read संखिक,

²³ Read मर्यादा.

THE CHHANDOVICHITI.

BY P. V. KANE, M.A., LL.B ; BOMBAY.

RĀJASEKHARA credits Daṇḍin with the authorship of three works (*trayā Daṇḍi-prabandhāś-chātrishu lokeshu viśrutāḥ*). The *Kāvya-darśa* and the *Daśakumāracharita* are popularly regarded as the works of Daṇḍin. I have grave doubts as to whether the author of the latter was the same as that of the former. There is no unanimity as to the third work also being of Daṇḍin. Prof. Pischel in his introduction to Rudraṭa's *Śiṅgārtiluka* arrives at the rather startling conclusion that the *Mṛichchhakatika* is the third work of Daṇḍin. Dr. Peterson, in his introduction to the *Daśakumāracharita* (p. 5), says that Daṇḍin wrote a work called *Chhandovichiti*. Dr. Peterson's reasons are as follows:—Daṇḍin divided *Kāvya* into three varieties, *gadya*, *padya* and *miśra*. Afterwards Daṇḍin says that an exhaustive treatment of *paṭya* is given in *chhandovichiti* (*chhandovichityāḥ sakalas—tatprapañcho nidaśitah | sū vidyā naus-tiārshkūṇān gambhīraṁ kāvya-sāgaram* ||¹). Daṇḍin omitted the treatment of *padya*, because he had treated of it elsewhere. So Dr. Peterson says: "It seems clear that Daṇḍin is referring to a book here as also that he can only be referring to a book of his own composition," and further, "I think it probable that Daṇḍin wrote a *chhandovichiti* as Vāmana had done before him." Pischel doubts whether Daṇḍin is at all referring to a work called *Chhandovichiti*, and if he does refer to a work, then he is of opinion that, the 15th chapter of the *Nāṭyaśāstra* of Bharata, which in South Indian MSS. is styled '*chhandovichiti*,' is the work referred to by Daṇḍin. I shall try to show in the following that the *chhandovichiti* referred to by Daṇḍin is not his own work, that the word *chhandovichiti* means simply *chhandas-śāstra* (*lit.*, collection of metres) and is generally taken as referring to the *vedāṅga* on metrics ascribed to Piṅgala. By the way, it deserves to be noticed that Daṇḍin seems to have contemplated the writing of a work on the *kalās* (arts) "*itthaṁ kalā-chatuḥshashtī-virodhaḥ sādhu nīyatām | tasyūḥ Kalā-parichchhede rūpam-āvibhavishyati*,"² ||

I think that the words of Daṇḍin are quite explicit as to whether he is referring to a work called *chhandovichiti*. About it he says that it will serve as a ferry to pass across the ocean of Poesy.

Daṇḍin simply says that an exhaustive treatment of *padya* has been given in *chhandovichiti*. He does not add 'by me' (*mayā*). If we were to supply this ellipsis, then we shall have to ascribe, by a parity of reasoning, to Daṇḍin the authorship of a work on the dramatic art. He says "*Nāṭaka* and others constitute the third division of *Kāvya* called '*miśra*' and an exhaustive treatment of them (has been given) elsewhere" (*miśraṇi nāṭakādini teshām-anyaatra vistarah* ||³). No one has so far asserted that Daṇḍin wrote on the dramatic art also. I, therefore, think that just as Daṇḍin here refers to a well-known work on dramaturgy (in my opinion the *Nāṭyaśāstra* of Bharata), so in the passage about *chhandovichiti*, he alludes to some work on metres, well-known to his contemporaries.

The assertion of Dr. Peterson that Daṇḍin wrote a *chhandovichiti* as Vāmana had done before is based on a misunderstanding. Apart from the question whether Vāmana preceded Daṇḍin (I think he did not), I question the composition of a *chhandovichiti* by Vāmana. His *sūtra* is '*Śabda-Smṛi-y-Abhidhānakāś-chhandovichiti-kalā-kāmaśāstra-daṇḍa-nīti-pūrvā vidyāḥ*.'⁴ Vāmana himself paraphrases '*chhandovichiti*' by '*chhandasśāstra*.' Besides, it is beyond the bounds of possibility that Vāmana would place a work of his own on the same level with the *vyākaraṇa* of Pāṇini, the works on arts composed by Viśākṣhila and others and ask all future generations of poets to study his own work. As all the other *vidyās* referred to are dealt with by writers other than Vāmana, it naturally follows that the *chhandovichiti* also paraphrased in the most general terms is the work of some one else. Moreover, it should be noted that in the commentaries on the *Vṛittaratnākara* and other works on metres, not a single reference is to be found to Daṇḍin and Vāmana as writers on metres, although a host of other writers are so referred to.

As to the *Nāṭyaśāstra* of Bharata, it is sufficient to say that the very fact that all MSS. do not call the 15th chapter *chhandovichiti* raises strong doubts about its being the *chhandovichiti*

¹ *Kāvya-darśa* I, 12.² *Kāvya-darśa*, III, 171.³ K. D. I, 81.⁴ I, 3, 8.

referred to by Daṇḍin. *Chhandovitchiti* is primarily a very general term and may be applied to any work on metres. My idea is that some copyists might have added the name at the end of the 15th chapter in this primary sense of the word '*chhandovitchiti*.' It would be rather strange to suppose that Daṇḍin refers to a small chapter as exhaustively treating of *padya*. Bharata himself says that other scholars have given a larger number of metres than his own and that he omits them because they do not lend charm to dramas (*Santya-nyānyāpi vrittāni yāny-uklānīha paṇḍitairhi | na chātāni mayōktāni na śōbhān janayanti hi*⁵). This being the case, the words of Daṇḍin '*sakalas-tat-prapañcaḥ*' would be thoroughly inappropriate if we understand by *chhandovitchiti* the 15th chapter of the *Nāṭya-śāstra*, as Prof. Pischel did.

I shall now adduce the evidence of comparatively early writers to show that *chhandovitchiti* is the name of the *Vedāṅga* dealing with metres.

Uvāta, while commenting upon *Rikprātisākhya* XIV, 10 (*s=aitena śāstrair na viśishyate snyaiḥ kritsanāḥ cha Vedāṅgam=anindyaṁ=ārsham*), remarks that *chhandovitchiti* is one of the six *Āṅgas* of the Veda (*tasmād anindyaṁ shadāṅgavat shaṭsu vedāṅgeshu idam=api āṅgaṁ Kalpō Vyākaraṇaṁ Niruktaṁ Sikshā chhandovitchitir-jyōtisham=ayanam-iti*).

Haradatta in his *Padamañjarī*, a commentary on the *Kāśikā*, speaks of *chhandovitchiti* as a *vedāṅga* thrice on the same page (p. 5 of the Benares edition); e.g., '*tatra vyākaraṇaṁ jyotisham Niruktaṁ Sikshā chhandovitchitih Kalpasūtrāny=āṅgāni*.'

Bhaṭṭa-kumārila in his *Tantravārtika* briefly gives the topics discussed in the six *Vedāṅgas* and remarks that, in the *Chhandovitchiti*, *Gāyatrī* and other metres are distinguished (*Chhandovitchityām=api Gāyatrīdviviveko loka-Vedayoḥ pūrvavad-eva pratyakṣaḥ* |⁶).

Jayaṁgala in his commentary on *Bhaṭṭi* I. speaks of '*chhandovivriti*' as one of the six *Vedāṅgas* (*Sikshā kalpo vyākaraṇaṁ chhandovivritir Niruktaṁ jyōtisham cheti shadāṅgāni śāstrāṇi*).

The *Vṛttaratnākara* (VI. 3.) speaks of the *Chhandovitchiti*, which word is explained by the commentator Nārāyaṇa as '*Chhandasśāstram*' (*prastāro=syūṁ samākhyatās-Chhandovitchitivedibhiḥ* |).

We shall now quote from two writers, who speak of *Chhandovitchiti*, but not as a *Vedāṅga*.

Varāhamihira in his *Bṛīhatsaṁhitā* mentions a *Chhandovitchiti* (*vipulām=api budhivā Chhandovitchitim bhavati kāryam=etāvat | Srutī-sukhada-vṛttā-saṅgraham=imam=āha Varāhamihirō ṣ-ṭakḥ* ||). Varāhamihira flourished in the 6th century A.D. He cannot be supposed to refer to the work of Daṇḍin, even if we conceded for the sake of argument that the latter wrote a *chhandovitchiti*, as Daṇḍin cannot be placed earlier than the 6th century A.D.

Subandhu in his *Vāsavadattā* twice speaks of the *Chhandovitchiti* (*chhandovitchitir=iva Mālinī-sandāthā*; *Chhandovitchitim=iva bhrājamāna-Tanumalhyām*). Both the metres, viz., *Mālinī* and *Tanumadhyā* are defined in the work of Piṅgala. Subandhu is also a very early writer, being not later than A.D. 600. Vāmana in his *Kāvyaṭīkā* quotes him. Bāṇa in his introduction to the *Hārshacharita* is generally regarded as referring to the *Vāsavadattā* of Subandhu. The words in the introduction to the *Kūdambarī* '*dhiyā nibaddh-eyam=atidvayā kathā*' must also be taken as referring to the *Vāsavadattā* and the *Bṛīhatkathā*.

The work of Piṅgala is now looked upon as a *Vedāṅga*. It is written in the *sūtra* style and must be of great antiquity. The *Pañchatantra* speaks of him as a treasure of metrical knowledge (*Chhandojñāna-nidhiṁ jaghāna makarō veldatē Piṅgalaṁ*). The *Vṛttaratnākara*, which is itself a comparatively early work, looks upon Piṅgala as the highest authority on metrics, and quotes him at every step. No ancient work, except Piṅgala's, that deals with both Vedic and similar metres as the *Chhandovitchiti* referred to by Kumārila appears to have done, has come down to us. From all these circumstances, it appears to me that the *Chhandovitchiti* referred to by the writers quoted above, and by Daṇḍin and Vāmana is the work of Piṅgala.

The question whether Daṇḍin is the author of the *Mṛichchhakatika*, though an interesting one, does not at present concern us. We reserve the discussion of it for another issue of this journal.

⁵ Verse 144.⁶ Page 79.⁷ Chapter 101, verse 64, Prof. Drivedi's edition.

MISCELLANEA.

THE FORM OF BUSTS ON INDO-SCYTHIAN COINS.

SOME time ago when reading an article on Roman Art in the *Quarterly Review*, I found mention of a classification of Roman busts which might possibly give a clue to the date of Kanishka, if applied to the Kushan coins. Recently I worked out the details, and, although no very definite conclusion has been attained, the investigation may be of interest to some readers of the *Indian Antiquary*.

A Polish scholar has undertaken to determine the age of Roman busts by their form, defining six varieties, namely:—

I. Julio-Claudian (to A.D. 69)—shoulder not included;

II. Flavian (A.D. 69-98)—shoulder, but not junction of arm, included;

III. Trojan (A.D. 98-117.)—junction of arm included;

IV. Hadrian and the Antonines (A.D. 117-192 death of Commodus)—part of the upper arm included;

V. About A.D. 200.—half-length figure;

VI. Third century—partial reversion to older fashions.¹

The want of busts in the Gandhâra school renders this test inapplicable to the sculpture, but I have applied it to the Kushan coins with the following result:—

The coins of Kadphises I (=Kadaphes, &c.), whether alone, or with Hermaios the last Greek king of Bactria, present a bust of Type I. As is well known, some of these coins are copied from issues of the time of Augustus. (Gardner, Pl. xxv, fig. 1-5). The conquest of Kabul by

Kadphises I, may be dated about A.D. 20. In this case the Indo-Scythian king followed the fashion of contemporary Romans. Type II, is found on the Sassanian coinage of Persia from the reign of Ardashir Bâbakân (A.D. 226), and recurs in late Indo-Sassanian coins of about A.D. 500 (*I. M. Cat.* Pl. xxv). I have not found it on Kushan coins.

Nor do I know Indian examples of Type III. A gold coin of Kadphises II (? *cir.* A.D. 45-78) exhibits a bust of Type IV form (Gardner Pl. xxv, 8). Another coin (*ibid.* Pl. xxv, 9) includes the whole of the left arm. If the dates assumed for Kadphises II are at all correct, he must have anticipated the change of fashion at Rome. The gold coinage of Havishker (? *cir.* A.D. 123-140) has the half-length figure (Gardner Pl. xxviii, 9), as in the Roman Type V. Here too, if the assumed dates are right, India was in advance of Rome. So far as it goes, the text would support rather later dates for the Kushan kings. I may note that a coin of Gondopheres (*I. M. Cat.* Pl. ix, 11) agrees with the Flavian Type II. The same type is found on a coin of Soter Megas (*ibid.* Pl., ix, 16), supposed to have been contemporary with Kadphises II, who used a slight advance on Type IV.

The Indian coins so far agree with the Roman bust series that, like it, they exhibit a progression from the head and neck without the shoulder to the half-figure, but the stages of the progression do not seem to coincide chronologically, and some of them are missing in the Indian series.

VINCENT A. SMITH.

NOTES AND QUERIES.

A NOTE ON "FOREIGN ELEMENTS IN THE HINDU POPULATION."

[*Vide* Above, for January, 1911.]

MR. D. R. BHANDARKAR, M.A., has inferred from palæological evidences that pure "Āryan blood does not run through the veins of the Brāhmaṇas" [p. 37. *Op. cit.*]. The question I am here tempted to put is, who are the Brāhmaṇas, through whose veins Āryan blood does not run? Are the Brāhmaṇas Āryan or non-Āryan? The foreign elements that came to India, *viz.* the Hūṇas, Sakas, Mihiras, Chalukyas, &c., what are they again, Āryan or non-Āryan? If Āryans are different from these, did those Āryans come to

India also from somewhere in the Central Asia? Are those who are called Brāhmaṇas autochthonous or exotic? If the Brāhmaṇas are Āryans and are exotic, the blood running through their veins is Āryan; but if they are a race autochthonous to India, there is no Āryan blood in them, for *ex hypothesi*, the Āryans are a race trans-Himālayan; and when Āryans came to India therefore, the old pure autochthonous Indian blood of the Brāhmaṇa must have been strained by Āryan blood. Hence before the Hūṇas, etc., poured into India, the Brāhmaṇa blood had already been once impregnated with the foreign Āryan element. Is this so?

¹ M. Bienkowski, cited by Mr. H. Stuart Jones in 'Art under the Roman Empire,' *Quarterly Review*, Jan. 1908, p. 123. 'Gardener' means P. Gardner, *Catalogue of Coins of Greek and Scythian kings of Bactria and India* in B. M. The tentative dates in this text are those of Mr. R. D. Banerji.

§ 2. But if the Brāhmanas also came to India from a foreign source, I believe they are Āryans then. The existence of such names as Abraham in Hebrew, Behram or Bahram in Zend, may favour the views that the Āryans had already acquired the title of Brāhmanas before their exodus into India from their fatherland. Before their exodus, were Āryans all Brāhmanas or had they already been divided into Brāhmanam, Kshatriam and so forth? But whether before or after coming to India, in either case, we have authorities to show there was only one class primarily, viz., Brāhmanas, apart from the doubt whether they were Āryans or not. For, the Yajur-Brāhmana II, 8. 8, says:—

‘*Brahmanah Kshatriam nirmitam*,’ i.e., ‘the Kshatriya was created from the Brāhmana.’ The Mahābhārata, Śānti-parvan, Moksha-Dharma, 188th and 189th Chapters² may be taken as a commentary on the Brāhmana passage above cited. It seems unnecessary to quote the verses here *in extenso*, for the reader may easily refer to the Mahābhārata.

§ 3. And then let us consider the nature of the several successive hordes which immigrated to India. Take the Persians; are they Āryan? The Greeks, and then the Romans; are they Āryan? If they are Āryan, and the Brāhmana is also Āryan, and they intermingled, Āryan blood alone was infused into Āryan blood; and I believe that in this case, blood-purity or race-purity was not tarnished. The Brāhmana may perhaps be taken for pure after the three-fold admixture referred to above, and which admixture must have taken place.

§ 4. And next, have the Hūnas, Sakas, etc., who poured into India, been conclusively proved by either archæologists or ethnologists to be non-Āryan? I venture the suggestion, that for aught we know, they may have been the Āryans left at home, but who followed, only in time, the Brāhmana-Āryans who only came in advance of them. If this is the case, *ergo*, their blood mixing with the Brāhmanas cannot be a foreign element again. *En parenthese*, let me observe that eugenically, blood mixing with blood ought not always to be construed by scientists as impoverishing or deteriorating it, for on the other hand, it may strengthen and enrich it.

§ 5. Whether Brāhmanas are Āryans or not, or whether Āryans are Brāhmanas or not, there is another interesting question which should exercise the minds of researchers. Rāvaṇa of Rāmāyana fame is said to be a Brāhmana, and yet he was not an Āryan, but a Drāvidian, whatever the latter term, so much disputed about, may mean, save that it means a race different from Āryan. Some say, Rāvaṇa belongs to the Lemurian race, some Atlantean. But to whichever of the three categories he may belong, viz., Drāvidian, Lemurian or Atlantean, my purpose is served so long as these three denominations connote an origin which is non-Āryan. So then, the case of Rāvaṇa shows that there were Brāhmanas, even in the non-Āryan races. *Ergo*, if the Hūnas Sakas, etc., were non-Āryans, there is no reason to deplete them of the Brāhmana element in them

also, if they were not in totality the Brāhmanas, viz., the one Brāhmandom to which the Āryans proper lay claim according to the quotation from Yajur-Veda and Bhārata shown in para. 2, *supra*. Whether the Hūnas, etc., are Āryans or not, there is reason to suppose a Brāhmana element in them as in the case of Rāvaṇa of the Drāvidian stock. Hence if Brāhmanas mixed with Brāhmanas, the purity of Brāhmana blood has not suffered on that account.

§ 6. In India itself, after the classification into Brāhmana, Kshatriya, etc., the Kshatriya, etc. have, by virtue of excessive merit, been elevated into the Brāhmana ranks, as in the case of Viśvāmitra for example. And it is no wonder if by similar processes, *samskāric* or otherwise, foreign elements—so called—of Hūnas, etc., merged themselves into Hinduism, understanding by this term, a compound of Brāhmana, Kshatriya, Vaiśya, Śūdra, plus the Pāñchama, the latter being a group wisely provided in the Hindu body-politic to gradually assimilate into its fold all foreign elements as they came and touched its bounds and borders, to be in course of time prepared for mergence again into classes, viz., the Chāturvārya, above it.

§ 7. These are age-long processes, and there is no question of pure and impure blood. But so long as those classes, who in the present hour, go in India by the name of Brāhmana, remain intact, and do not mix their blood with classes non-Brāhmana, the charge of mixed or impure blood can never be levelled against them.

§ 8. Nor is there any race-hatred or class-hatred, jealousies or hollownesses in claims, as Mr. D. R. Bhandarkar thinks, for we are all peacefully and contentedly settled down into our convenient quadruple, or quintuple groups,—a final result, after all the wars have gone past, caused by the wish to transcend these limits and efface those convenient boundaries. Who would disturb them again and cause bad blood again?

A. GOVINDĀCHĀRYA SVĀMIN,

MYSORE,

C.E., M.R.A.S., M.M.S.

31st January, 1911.

[The expression used by me is “Vedic Āryan blood” and not simply “Āryan blood.” The word ‘Vedic’ has been purposely put in, to express the current belief that the Brāhmanas, &c., of the castes considered to be pure at the present day are the direct descendants of the Brāhmanas, &c., who were the seers of the *Mantras*. This means that there was no admixture of foreign (Āryan or non-Āryan) and aboriginal blood. Yavanas, Sakas, Hūnas, &c., from the popular point of view, are foreigners, i.e., *Mlechchhas*. At the end of para. 5, it is said that if the early Brāhmanas mixed with the Brāhmana element of Hūnas, &c., the purity of Brāhmana blood has not suffered on that account. I am certain, no orthodox Brāhmana will ever countenance this view. As regards para. 8, Mr. Govindāchārya Svāmin will do well to enquire either at Baroda or at Kolhapur what the *Grāmānya-prakarana* means, and he will be convinced of what I have said. This again is but a typical instance.—D. R. B.]

¹ This really ought to be *Brahmanah kshatriam nirmitam* (II, 8, 9). Here *Brahman* does not mean a Brāhmana but the Divine Cause and Essence of the Universe. This is evident from the words: *Brahma viśvam-idaṁ jagat* and *Brahma Brāhmana ātmanā*, which precede and follow the passage just quoted. Mr. A. Govindāchārya Svāmin is requested to actually cite the verses from the *Śānti-parvan* which establish that the Kshatriya was created by the Brāhmana. — D. R. B.

² These numbers are of the Telugu edition, Madras.

BITHU INSCRIPTION OF SIHA RATHOD.

BY D. R. BHANDARKAR, M.A., POONA.

NANNURĀM BRAHMABHAṬ, whose name I have had more than one occasion to mention, has placed in my hands an impression of an inscription which is important for the ancient history of the present ruling family of Jodhpur. This family, as all historians of Rājputānā are aware, belongs to the Rāthod race and was founded by Siyā-jī. The inscription is engraved on a *devī* or memorial stone in Bīthū, a village about 14 miles north-west of Pāli, the principal town of the district of the same name. The transcript of it is as follows:—

1. ओं । संवत् १३३०
2. कार्तिके वदि १२ सोम-
3. बारे रठडा श्रीसेत-
4. कंवरसुनु सीहो दे-
5. बलोके गतः सो [लं]-
6. [कि] पारवतिः तस्या ईद्र-
7. स्यापि नाकशुभं भवतः

Translation.

Oṃ.—On Monday the 12th of the dark half of Kārtika of the [Vikrama-] year 1330, the Raṭhaḍā Sīhā, son of the prince (*kaṇhvara*) Śrī-Seta, went to the world of the gods (*i.e.*, died). May the bliss of the heaven of even Indra be for Pārvatī, the Solamkīnī (*i.e.*, of the Solamki race).

Now, there can be no doubt that Sīhā of this inscription is the same as Siyā-jī, the reputed founder of the royal family of Jodhpur, because, in the first place, Sīhā and Siyā-jī are, as a matter of fact, one name. Secondly, Sīhā is called a Raṭhaḍā, which is nothing but 'Rāthod.' Thirdly, Sīhā is called a son of Seta, and Seta is only an abbreviated form of Setrām, who, according to the chronicles of Mārwar, was the father of Siyā-jī. No doubt can, therefore, be possibly entertained as to Sīhā of our inscription being identical with Siyā-jī, the founder of the Jodhpur dynasty.

The real importance of this record consists in the fact that it gives us a specific date (*viz.*, V. S. 1330) for a specific event (*viz.*, death) in the life of Siyā-jī. The *khyāts* (chronicles) of Jodhpur represent him to be the grandson of the celebrated Jayachandra, king of Kanauj, and at the same time give V. S. 1196 = A. D. 1139 as the date of his exile into Mārwar. Both these things cannot possibly harmonize with each other, because Jayachandra fell in a battle with Shihāb-ud-dīn in A. D. 1193, fifty-four years later than the traditional date assigned to Siyā-jī's flight. So that there was only one alternative left, *viz.*, either to accept the date of the chronicles for Siyā-jī and consider his connection with Jayachandra's family as a mere fiction or to accept the latter as a fact and reject the date. As to myself, long before this inscription was found, I was inclined in favour of the latter alternative. Because Siyā-jī's descent from Jayachandra has been mentioned in no less early an authority than the *Ain-i-Akbari* of Abu'l Fazl, which was composed in the 16th century. Similarly, in an inscription dated V.S. 1686, and found in the temple of Raṇchhodji at Nagar near Jasol in Mallāṇ of the Jodhpur State, Sīhā is spoken of as *Sūrija-bāhṣi* and *Kanojiyā-Rāthoda*. These two early authorities had left no doubt in my mind as to Siyā-jī having descended from the family of Jayachandra, and I was for pushing the date of Siyā-jī's flight later than A.D. 1193 when, as stated above, Jayachandra died fighting with the Ghori emperor. My view has now been placed beyond all doubt by the new inscription which gives V.S. 1330 = A.D. 1273 as the date of Siyā-jī's death. This second is posterior to the first date by 80 years, which indicate the interval between the deaths of Jayachandra and Siyā-jī, a conclusion perfectly probable if we hold with the Mārwar chronicles that the latter was the grandson of the former.

In this connection is worth quoting what is called a *Pallivāla-Chhand*, for which also I am indebted to Nannurām Brahmabhaṭ. He found it in the manuscripts of the Dāghī of a Pallivāl family in Kuī in Shergaḍh, Jodhpur State. It is as follows :—

॥ नीसांणी छंद ॥

पाली गढ बांध्यौ प्रगट आछी छिब आंणी, सहर कोट दश कोसमैं बाजार वसांणी ॥
 सवालाला घर सांवठा जुग सारां जांणी, विम निधन जो आ वस्या संपत समपांणी ॥ १ ॥
 इक इक ईट जु अरपनै धर धाम बांधांणी, बडौ सरोवर वीक्षणी पीवै नित पांणी ॥
 नीर नासकां नीसरै सुखिया करसांणी, राज करै विसहद ऋषी रूपावत रांणी ॥ २ ॥
 सीहौ कमध प्रधान सो आये अगवांणी, बारासौ बाराणवै माया हद मांणी ॥
 बीता वरष छवीस दू सब सुख सरसांणी, पत दिल्ली सर पातसा औसी मन आंणी ॥ ३ ॥
 नासुरदीन निवेदनै फौजां फरमांणी, मुगल पठाण मल्लेछ मिल उलटी मन आंणी ॥
 सेख रु सैयद जवनसो तद मूछां तांणी, लाखां लसकर लंगर ले जुध लडवा जांणी ॥ ४ ॥
 आय रु पाली उतरिया दल कोट दिवांणी, सोला फिर डेरा दिया जद कसियां जांणी ॥
 जबर कराथौ जाबतौ विम ह्वा इकवांणी, मंडिया सांमा मोरचा दिन रात दिखांणी ॥ ५ ॥
 तोप अराबां त्यार धड़ धड़ है धांणी, धूवै अम्बर बकिया रणसींग रुड़ांणी ॥
 विम न हारै बारै वरस जुध जीता जांणी, गेरू हिडमच गालिया पलटण रंग पांणी ॥ ६ ॥
 खट दरवाजा खोलिया विखन्या ब्रह्मांणी, असुरां भेद जु आणियौ जीतां जब जांणी ॥
 विमं वात राखी बडी होती भ्रमहांणी, पल्लीवाल इतरा पड्या गिणवी न गिणांणी ॥ ७ ॥
 तोल जनेऊ ताकडी अठ ऊपर आंणी, च्यार हजार चंदेलवा खग ले खूदांणी ॥
 गोयल रण मांडयौ गजब बजड़ां तूटांणी, पांच सहस राठड पड़े सीहौ सेतरांणी ॥ ८ ॥
 कजियौ कीधौ कमधजां तरवारां तांणी, पडिया रण पडिहार जो वंका विरहांणी ॥
 डामी भड़ रहिया अडिग इल पर औनांणी, राखी वात चवांण रंग सूरं सैनांणी ॥ ९ ॥
 छिनमैं कटिया छ हजार घायल ह्वा धांणी, पाला सात हजारनी हुंदी जशवांणी ॥
 आठ हजार पमार अड़ ठावै मन डांणी, धारधणी मानवधरा बोल्या हद वांणी ॥ १० ॥
 बाबा कटिया नौ हजार नागा निरबांणी, खागां लडिया खेतमैं मरवां हद मांणी ॥
 बटका होवै बकतरां कंध सीस कदांणी, टूक टूक है झिलम टोप बिजड़े तिरछांणी ॥ ११ ॥
 वहै झटका अंग विछट हिंदू तुरकांणी, वर वर जेवै अपछरा वैकुंठ वसांणी ॥
 जुध सुण आई जोगण्यां रुद्र पीय रिझांणी, एक पहर ठैहर अवस जुध सूरज जांणी ॥ १२ ॥
 गढ सीरोही गामरा मोटा मरवांणी, गहरवार लडिया गजब गढ गागरूण गिणांणी ॥
 ऊजाला जालोरगढ जस मुरधर जांणी, पाली लडतां राखियौ पलीवाल जांणी ॥ १३ ॥

॥ दोहा ॥

तेरैसौ तीसै सँमत ॥ घणौ हुबौ घमसांण ॥

पाली छोड पधारिया ॥ पलीवाल पिछमांण ॥ १ ॥

The purport of this *Chhand* is as follows :—

Ten kos from the town wall of Pālī was its bazar. The place contained one lakh and a quarter houses of the Pallivāl Brāhmanas. When a new and poor Brāhmana came from outside, he was given by each family one brick to build a house with. The town was supplied with water from a spacious lake called Bījhaṇ, which also was used for irrigation purposes. The king was one *riṣh*, Visahaṭ and his queen was Rūpavat. Śihā, a Kamadh, i.e., Rāthod, became his minister in V. S. 1292. For twenty-six years they enjoyed allsort of happiness. Then Nāsuraḍin, emperor of Delhi, brought a large force to capture Pālī. For twelve years the Brāhmanas fought with the Muham-

madans. The latter at last put *geru* and *hidmach* powder in the lake, which at once changed the colour of the water. Thinking that the colour had so changed because the Muhammadans put cow's flesh into it, the Pallivāls at once flung open the city-gate, and sallied forth cutting their way through the Muhammadan ranks. So many of them, it is said, were slain that their sacred threads weighed more than eight maunds. With the Pallivāl Brāhmaṇas fell many Rajpūts, among whom was Sīhā, son of Seta with his five thousand Rāthod̥s.

The points of importance to be noted here are as follows: (1) Pālī was chiefly inhabited by the Pallivāl Brāhmaṇas and was in the second half of the 13th century held by their Brāhmaṇa prince Visabaṭ; (2) Sīhā Rāthod̥ was his minister. This agrees with the Mārwaṛ tradition that Sīhā was called to Pālī and kept there by the Pallivāls to give them protection against the Mers and Meṇās who had infested them; (3) Sīhā attained to this position in V. S. 1292 = A. D. 1235; (4) twenty-six years after, i.e., in A. D. 1261, Pālī was invaded by the emperor of Delhi, who is here called Nāsuraḍīn and who cannot but be Nāsiru-d-Dīn Maḥmūd Shāh I., as he reigned from A. D. 1246 to 1266; and (5) after a twelve years' siege Pālī was captured by the Muhammadans in V. S. 1330 = A. D. 1273, when Sīhā Rāthod̥ is also represented to have fallen in the battle. This date agrees precisely with that of our inscription. Not only no doubt can thus possibly be entertained regarding the date of Sīhā's death, but also I feel tempted to accept A. D. 1235 as the date of Sīhā's arrival in Pālī. The mention, in the *Chhand*, of Bundi, Sirohi and the Rajpūt tribes Chandel, Pamār and so forth, is undoubtedly an interpolation made in later times by some Bhāt, to make it attractive to all the Rajpūts. But the authority for this *Chhand* is the *dohā* quoted at the end, which thus appears to be much older than the former. It says that in V. S. 1330, a fearful battle took place and the Pallivāl Brāhmaṇas, after quitting Pālī, went towards the west. And our inscription gives the same date for the death of Sīhā. The *dohā* thus leaves not even the shadow of a doubt as to Sīhā having died on the battlefield fighting for the Pallivāls. Tod's story about this Rāthod̥ prince having treacherously massacred the Pallivāls and made himself master of Pālī must, therefore, be considered to be unfounded and unreliable.

Where actually this battle took place is not certain. Most probably it came off in Bīṭhū where the memorial stone is found and which is only 14 miles from Pālī. In Bīṭhū there is a very ancient temple dedicated to Mahādeva and in front of it, I am told, there was an old well, now filled up. And the people say that it was into this well that the sacred threads of the Brāhmaṇas were thrown some centuries ago before they died in a fight with the Muhammadans. But no definite information could be had as to who those Brāhmaṇas were and from where the Muhammadans had come. It is, however, all but certain that these Brāhmaṇas were the Pallivāls, and that the Muhammadan force was sent by Nāsiru-d-Dīn Maḥmūd Shāh I.

Two points connected with our inscription yet remain to be considered but can be disposed of in a few lines. In the latter portion of it one Pārvaṭī, a So(la)mk̐(nī) [Solaṅkīnī] is said to have died *satī* with Sīhā. The reading Solamk̐nī, I confess, is by no means certain, though it is probable. But supposing for the moment that it is correct, it agrees with the tradition that he had for his queen a Solaṅkīnī. But her name, as given in the chronicles, is Rājala-de, whereas we have it here as Pārvaṭī. Perhaps she had both the names, of which Rājala-de was a *khitāb* given by her husband as is not unfrequently the case in Rājputānā. Secondly, it is worthy of note that neither Sīhā nor his father Seta has any regal titles attached to their names in our inscription, though the people of Mārwaṛ always speak of Sīhā as Bāv Siyā-jī. He appears to have been a mere Rajpūt in the service of the Pallivāl Brāhmaṇas without having ever risen even to the rank of a Rāv. Seta, again, is called a *kaṇvāra*, which shows that he was at any rate a son of some chief or king. This agrees with the tradition that he was a son of Jayachandra, king of Kanauj. But as he died without obtaining the kingdom, he also had no royal titles affixed to his name.

A COMPARATIVE GRAMMAR OF DRAVIDIAN LANGUAGES.

BY K. V. SUBBAIYA, M.A., L.T., M.R.A.S., RAJAHMUNDRY.

Lecturer in English, Government College, Rajahmundry.

Nouns.—Gender.

(All Rights Reserved.)

1. IN all the Dravidian languages *gender follows sex*.

2. The gender of Dravidian primitive or uncompounded nouns is known from the verbs and the pronouns which they govern; and they are themselves destitute of any distinguishing gender termination.

3. But in the case of the *derivative* or composite nouns formed from primitive nouns, adjectives, participles, demonstrative and interrogative particles, the gender is denoted by suffixes which are different for the different genders. For example:—*The masculine singular* is denoted by the primitive Dravidian suffix *āṇ* which becomes *an*, *ḍn* (Ta., Ma., Ca.); *aḍu*, *āḍu* (Te.); *e* (Tu.); *as* (Kurukh); *ah* (Malto), etc. (*Vide* under *āṇ*, *infra*).*The feminine singular* is denoted by:—(1) the Pr. Drav. *āl* which becomes *āl* and *aḷ* (Tam., Ma., Ca., and Tu.); and (2) the primitive Dravidian *atta* or *atti* which becomes *adi* (Te.); *ad* (Goṇḍi Kolami, Naikī and Kurukh); *atti* (Malto), etc. (*Vide* under *āl* and *attaḷ*, *infra*).*The neuter singular* is denoted by primitive Dravidian *du* which is *dī* (Te.), *d* (Goṇḍi, Kolami, Naikī, Kurukh.); *th* (Malto), (see *infra*).N. B.—In this connection it may be mentioned that Dr. Caldwell, not knowing that the demonstratives are themselves composite nouns, states that the derivative nouns are formed from primitive nouns, adjectives and participles by the addition of demonstratives. In Tamil *Sinnavan*, he thinks we have the demonstrative *avan*. But *Sinnavan* is *Sin* + *a* + *an*. Here *Sin* is the base, *a*, the adjectival suffix; and before *a*, *n* is doubled, and *an* is the masculine singular suffix; and a homo-organic *v* is developed in Sandhi between the two back vowels *a* and *a* (*vide* flexional Sandhi in my Phonology). Similarly for other genders.

4. Dravidian nouns are divided for purposes of gender into two classes:—

(1) *Rational* nouns, or the names of rational beings, such as men, gods, women and goddesses.(2) *Irrational* nouns, or the names of irrational beings or inanimate objects.Rational nouns are either *masculine* or *feminine* according as they denote men and gods, or women and goddesses. All irrational nouns are *neuter*.

Thus we have three genders.

5. Rational nouns are called in Tamil grammars, *uyartinaṭi*, i.e., 'high-caste nouns,' while irrational nouns are *ahṛinaṭi*, i.e., 'non-high-caste' nouns. Telugu grammars call them *mahat* and *amahat* nouns, i.e., 'superior' and 'non-superior' nouns. Canarese and Malayalam grammars, being based entirely on Sanskrit grammar, call them *pullingam*, etc., without distinguishing between *rational* and *irrational* nouns.6. If it be necessary to denote the sex of any animal, a separate word signifying 'male' or 'female' is prefixed to the noun; but even in such cases the pronoun with which the noun agrees, and also the verb, are neuter. For example: '*a mare came*' is translated into Tamil, Telugu, Canarese, respectively, as follows:— '*Ora peṇ ku dirai vandadu*' (Tamil); '*oka āḍa gurramu vatṭṭinadi*,' (Telugu); '*ondu heṇṇu kudire bantu* (Canarese).

7. The Primitive Dravidian words denoting 'male' and 'female' were the following:—

Male:—*āṇ*, *maga*, *kaṇḍ*.*Female*:—*peṇ* and *āl*.

The first set of words, *i.e.*, *āṇ* and *peṇ* are used by Tamil, Malayalam, and Tulu, to denote 'male' and 'female.' Canarese uses *kaṇḍ* (*a*) and *peṇ*; Telugu uses *maga* and *āl*.

For example :—

Horse :—	1.	Tamil :	<i>āṇ</i>	kudirai
	2.	Malay. :	<i>āṇ</i>	kudiræ
	3.	Tulu :	<i>āṇ</i>	kudire
	4.	Can. :	<i>gaṇḍu</i>	kudire
	5.	Telugu :	<i>maga</i>	gurramu
	6.	Korvi :	<i>āṇḍ</i>	kudri
	7.	Kaikādi :	<i>ghaṇḍ</i>	kudri
	8.	Malto :	<i>bokra</i>	goṛoth
	9.	Kui :	<i>pōra</i>	goṛa
	10.	Burganḍi :	<i>āḍ</i>	kudri
Mare :—	1.	Tamil :	<i>peṇ</i>	kudirai
	2.	Malay. :	<i>peṇ</i>	kudiræ
	3.	Tulu :	<i>poṇṇu</i>	kudire
	4.	Can. :	<i>Heṇṇu</i>	kudire
	5.	Telugu :	<i>ḍḍa</i>	gurramu
	6.	Korvi :	<i>paṭ</i>	kudri
	7.	Kaikādi :	<i>phaṭṭaḍ</i>	kudri
	8.	Malto :	<i>ḍaḍi</i>	goṛoth
	9.	Kui :	<i>tali</i>	goṛoth
	10.	Burganḍi—	<i>phat</i>	kudri

8. But of these words that are used as gender suffixes, there are only some that are used as suffixes also. For instance, of the masculine prefixes, *āṇ*, *maga* and *kaṇḍ* only the first *āṇ* with its varieties is used as the common masculine suffix of all the Dravidian languages. Of the feminine suffixes, *āl* and *peṇ*, only *āl* is used as the feminine singular suffix of Tamil, Malayalam, Canarese and Tulu.

In addition to *āṇ* and *āl*, there are other words which are used as suffixes. For instance, primitive Dravidian *attu* (which with its varieties forms the common feminine singular suffix of the North Dravidian languages) and (*a*)*ḍu* (which is the common neuter singular suffix of all the Dravidian languages).

We shall now enumerate these suffixes and trace their history and development in the different Dravidian languages.—

1. *āṇ* (Masculine singular suffix).

- Pr. Drav. *āṇ* \supset *āṇ* (Tam., Ma., Ca., Tu.).
 \supset *āṇḍu* \supset *ā(ṇ)ḍu* \supset *ḍḍu* (Ta. and *Te.).
 \supset **āṇ* \supset **an* (Tam., Ma., Ca., and Tu.).

N. B.—* Denotes development in unstressed or inflexional syllables.

Primitive Dravidian *āṇ* means 'male.' It is found as an independent word with this meaning in Tamil, Malayalam, Canarese and Tulu. In Canarese it also denotes *superiority* or *priority*.

Besides *āṇ*, we have in Tamil another form of this word, namely *ḍḍu* which should have developed from *āṇ* with the addition of an excrement *ḍ* and the subsequent dropping of the nasal. Compare the etymological history of the English words 'sound' and 'thunder.' In Tholkāppiam, '*ḍḍu*' words are masculine words. (*Vide* sūtran, 2 Solladikāram). In Telugu, too, we have *ḍḍu*, but it is used only as a masculine suffix. It is not found as a prefix or as an independent word. In old Telugu we find the form with the nasal, *i.e.*, *āṇḍu*, where the nasal is marked as an '*arthānusvāra*.' Even the modern Telugu *ḍḍu* is pronounced with a half nasalisation.

As a masculine prefix it is not at all found in Telugu. While Canarese has only a few instances, it is very commonly used as a prefix in Tamil, Malayalam and Tulu. In all these languages it is used in its original form *āṇ* when in this relation.

ān is the common *masculine suffix* of the Dravidian languages, but it undergoes many phonetic changes in the various languages.

Tamil, Malayalam, Canarese and Tulu have all *ān* and *an*. New Canarese and Tulu have *ānu* and *anu*. Here we have the softening or dentalisation of the cerebral *n* and the shortening of the vowel *ā* which is common in the case of inflexional syllables. (*Vide* my Phonology, Part II.).

In Telugu we have an excrement *ḍ* developed and *ān* appears as *āṇḍu* which further becomes *āḍu*.

In old Gōṇḍī, primitive Dravidian *ān* developed into *ān* as in Tamil, Malayalam, Canarese and Tulu. But New Gōṇḍī, confounding the plural with the singular, uses *r* in the place of *n*. But Kui, the Gōṇḍī dialect of Godavary District, has *āṇḍu* which, with the demonstrative particle *a*, becomes *āṇḍu* as in old Gōṇḍī *a* + *ān* > *ān* (he). The nasal *n* of old Gōṇḍī, 3rd person singular, is found even now in the oblique cases of the declension of the 3rd personal singular of new Gōṇḍī (*vide* L. S., page 481).

In Kui, primitive Dravidian *ān* > *āñju* through *ān*. Dr. Grierson says in his *Linguistic Survey*, p. 459; "The substitution of *ñg* for *n* in connected languages is especially common in Kalahandi, where we find forms such as *ēāñji*, standard *ēāni* 'his'." Here we have an example of the cerebral becoming a dental first and then becoming further palatalised.

In Naiki primitive Dravidian *ān* > *an*; but *a* of *an* has become close and high. Hence we have *aun*, 'he', in Naiki. The *n* is found uniformly as a suffix of the 3rd person singular verb. In Naiki *vattēn* is 'he went.' (L. S., pp. 570 and 572.)

In Kolāmi we have *amd* < *ān*. The *m* seems to be peculiar, *ā* may be the dental intruder. But in verbs, the 3rd person singular suffix is always *n*. *Amd pāndāktēn* is 'he sent.' (*Vide* L. S., pp. 562-564). But the Kolāmi dialect of Basim Districts, which is called Bhêlê, has *an* and not *amd*. 'He' in this dialect is *avan* as in Tamil.

In Kurukh we have a peculiar development. It has *as*, 'he,' corresponding to the *avan* of Tamil and Malayalam and *vāḍu* of Telugu. Dr. Grierson says in L. S., p. 414, that *as* and *vāḍu* and *avan* are closely connected. In Malto we have *ah*, 'he'. The *s* of Kurukh and *h* of Malto seem to me to be difficult to explain. But it might be said that *s* is the *continuant dental form* of *n* in *an*, and *h* the *aspirated form* of *a* in *an* with the loss of the nasal *n*. Compare *āth*, the feminine and neuter suffix. Perhaps the Korvi and the Kaikāḍi forms of 'he' might throw some light on the development of *h* in Malto. In Korvi we have *āva* and in Kaikāḍi *āu* corresponding to *avan* of Tamil. Here we have the nasal completely lost, and the vowel alone in its shortened form left. In Malto it is likely that this *a* has got aspirated.

The various developments of the primitive Dravidian 3rd person, masculine suffix *ān* will be clear from the following table:—

To express 'He goes' we have:—

Tamil :	<i>avan</i>	<i>pōgirān.</i>
Malayalam :	<i>avan</i>	<i>pōgunnu.</i>
Canarese :	<i>avanu</i>	<i>hōgutlāne.</i>
Tulu :	<i>āye</i>	<i>pōve</i>
Telugu :	<i>vāḍu</i>	<i>pōtāḍu.</i>
Korvi :	<i>āva</i>	<i>hōgāru.</i>
Kaikāḍi :	<i>āu</i>	<i>hōgārkū.</i>
Kurukh :	<i>ās</i>	<i>kādas.</i>
Malto :	<i>āh</i>	<i>ēkih.</i>
Kui :	<i>ābāñju</i>	<i>sānēñju.</i>
Gōṇḍi :	<i>ār</i>	<i>handātār.</i>
Brahui :	<i>ō</i>	<i>lēlek.</i>

(*vide* L. S., pp. 674, 675, 676, 677.)

2. *Maga* (Telugu, masculine sing. prefix).

Maga has an interesting development. In primitive Dravidian its meaning was 'a child'; and it has the same meaning now in Tamil, Malayalam and Canarese. *Magavu*, in these languages, means 'a child,' male or female. Later on, gender suffixes were affixed to it; and *magan* means now 'a son' and *magaḷ*, a daughter, in Tamil, Canarese and Malayalam. But in Tulu, the original *maga* (also *mage*) means a son. In Telugu, *maga* lost its meaning of child and retained only the significance of 'male.' Thus *maga* came to denote anything 'male' instead of 'a male child'. It now means in Telugu 'a male,' 'a man'; and *magavāḍu* means 'a husband'. *Maga* is colloquially *moga*.

So early as in the time of Tholkāppiam we find the reverse process in Tamil. *Mugaḷā* in old Tamil meant 'a woman.' *Magavāḍu* words in Tholkāppiam are words denoting 'a female,' i. e., of the feminine gender. *Magavāḍu* is *magaḷ* with *ḷ* > *ḍ*. This form is after the analogy of *avāḍu* already referred to.

3. *Kaṇḍ* (Can. Masc. sing. prefix). Primitive Dravidian.

Kaṇḍ should have meant 'a male'; for it is in this sense that we find this word in all the languages. Tamil and Malayalam add the masculine suffix *an* to this word; and thus *kaṇḍan* means 'a hero,' 'a brave man'. In Canarese, Tulu and Telugu we have the development *gaṇḍu* in which *k* > *g* by accent change, and a final *u* has been added. In these languages it means 'a male.'

But as a masculine prefix it is used only by Canarese; and as a suffix it is not used in any language.

In Tamil we also find *kaḍu* from *kaṇḍa* with the loss of the nasal. *Kaḍuvan*, in Tamil, is the male of a cat or a dog.

4. *Peṇ* (fem. sing. prefix).

Primitive Dravidian *peṇ* > *peṇ* (Tam. and Mal.).

> *peṇṇu* (Colloq. Tam. and New Can.).

> *peṇḍ(u)* (Tam., Mal., Ca., Te.).

> *peṭṭ* < *peṇḍ* (Korvi and Kaikāḍi and Tam.).

Primitive Dravidian *peṇ* means 'a woman'. It is found in this meaning in all the languages whatever may be its phonetic development. In its original form *peṇ*, it is now found in Tamil, Malayalam and old Canarese, in which it means 'a girl'.

In colloquial Tamil it is pronounced as *peṇṇu* and also as *poṇṇu*. But these two are considered vulgar. In new Canarese it appears as *heṇṇu* and is considered classical. In Tulu it is *poṇṇu*.

The development *peṇḍ* is found in Tamil, Malayalam and Canarese, but with different final enunciative vowels. It is *peṇḍu* in Tamil, found in the collective noun *peṇḍuḡi* 'women'. It is *peṇḍi* in Malayalam, and *peṇḍa* in Canarese. In Telugu it is found in the word *peṇḍi*, 'marriage,' and *peṇḍāmu*, 'a wife.' In Tamil and Malayalam we have *peṇḍāṭi*, 'a wife'; which is *peṇḍāṭi* in Canarese. *Peṇḍāṭi* and *Peṇḍāṭi* are double feminines having a feminine suffix *āṭi* or *ḍi*.

In Korvi *heṇṇ* means 'a female', *heṇṇ makkā* means daughters.

The development *peṭṭ* is found as *peṭṭai* in Tamil, and *peṭṭa* in Telugu and Malayalam, and *paṭ* in Korvi and *phaṭ* in Kaikāḍi. In all these languages it means 'a female'; e. g. :

Tam. : *peṭṭai* (k)kōḷi = hen.

Telugu : *peṭṭa kōḍi* = hen.

Kaikāḍi : *phaṭ gōra* = she-horse, i. e., mare.

5. *Āḷ* (fem. sing. suffix of S. C. Drav.)

Primitive Dravidian *āḷ* > *āḷ* (Tam., Ma., Ca. and Tu.).

> *ālu* (Te.).

> *āli* (Kui. and Kurukh).

> *āḍu āḍa* (Te.).

Primitive Dravidian *āḷ* means 'a woman.' *Āli* means a woman in Kurukh and Kui; and *ālu* in Telugu means also 'a woman.' Telugu uses *āḍu* or *āḍa* to denote the feminine of nouns, i. e., as a feminine prefix.

In Tamil, Malayalam, Canarese, and Tulu the word *āl* has changed its meaning. It means 'a slave,' 'a servant,' i. e., one who is governed or ruled. This is evidently due to a confusion of this word with the verb *āl* > Pr. Drav. *āl* meaning 'to rule', which is found as *ēlu* in Telugu.

But *āl*, 'a woman,' is preserved in Tamil, Malayalam, Canarese and Tulu as a *feminine suffix*; while it is almost lost in Telugu, Kni and other North Dravidian languages.

Primitive Dravidian *āl* when used as a *feminine suffix* becomes *āl* or *aļ* which with a preceding *a* may become *āl*. In Telugu *aļ* as a suffix becomes *alu* and is preserved only in a few words:—*Monamarālu*, 'grand-daughter', *kōḍalu*, 'daughter-in-law', *maradalu*, 'a niece'. But the usual suffix in Telugu is *di*, a development of the primitive Dravidian *atti* meaning 'a woman'. (See *infra*).

Thus, while the South and the Central Dravidian languages use *aļ* as the feminine suffix the North Dravidian languages use *atti* or *adi*.

6. Atta (fem. sing. suffix of N. Dravidian).

Primitive Dravidian *atta* > *attai*, *atti* (Tamil).
 > *atstsi* (Malayalam).
 > *atte* (Tu.).
 > *atta* (Te.).
 > **adi* (Te.).
 > *atstsi* or *atti* (Tam., Can. and Mal.).

As an *independent word* it means 'an elderly woman', 'a sister' or a 'father's sister,' etc. In Tamil, *attai* means 'an aunt', and *atti*, 'aunt' or 'sister'; *atte* in Tulu means 'aunt' or 'mother-in-law'. *Attige* in Tulu is 'brother's wife.' In Telugu *atta* is 'mother-in-law' or 'aunt' and *atstsi* in Malayalam means a Nair-woman.

As a *feminine suffix* it is used most largely by the North Dravidian languages. In Telugu the suffix *atti* becomes *adi*. Compare Tamil *ammai*, a woman, and Telugu *ammi*, a woman. In Gōṇḍi and Kolāmi it is *ad* with the loss of the final vowel. In Naiki and Kurukh it is *āl*, with *a* lengthened, after the analogy of *ām*, etc., also through accent change. In Malto it is *āta* where *t* is aspirated. (See note on *ah*, 'he' of Malto, above).

In Malayalam and Tamil the feminine suffix *atti* is found in a large number of words denoting certain professional castes, e. g., Tamil, Malayalam, *raiātti*, 'a queen'; *tattātti*, 'a woman of goldsmith caste'; *kannātti*, 'a tinker woman'; *vannātti*, 'a washerwoman'; *kollatti*, 'a blacksmith woman,' etc. *Atti* also becomes *atstsi*, e. g., *idaitstsi*, 'a shepherdess'; *valatstsi*, 'a fisherwoman'; etc.

In Malayalam *atti* is celebrated to *atti* in certain words, e. g., *tamburātti*, "a noble lady"; *velldātti*, 'a servant woman,' etc.

In Canarese the same suffix is *iti* or *ti*, e. g., *arasiti*, 'a queen'; *ohkalati*, 'farmer's wife.'

In these cases and the rest Telugu uses *adi*.

The development of primitive Dravidian *atti* into *adi* in Telugu, and *ad* in the other North Dravidian languages has created confusion in the minds of great Oriental scholars like Dr. Caldwell. In the North Dravidian languages the neuter suffix *adu* of Tamil, Malayalam and Canarese has also become *adi* in Telugu and *ad* in Kolāmi and Gōṇḍi and *ād* in Naiki and Kurukh and *aṭi* in Malto. That is to say, *atti*, the feminine suffix, and *adu*, the neuter suffix of the singular, have the same development in the North Dravidian languages. Hence Dr. Caldwell was led to remark that amongst the Telugus the women were treated as chattels or as lifeless things. He says:—"Ordinarily every woman is spoken of in Telugu as a chattel or a thing, as we are accustomed to say of very young children (e. g., it did so and so) apparently on the supposition either that women are destitute of reason, or that their reason, like that of infants, lies dormant." He also

adds:—"whilst each woman taken singly is treated by Telugu Grammar as a chattel or as a child, women taken collectively are regarded with as much respect as by the other Dravidian languages." The fallacy of this argument need not be pointed out, as it is patent to every reader.

7. *i* (Sanskrit feminine suffix).

This *i* is the shortened form of Sanskrit feminine suffix *ī*. As Caldwell says, it is used in the majority of cases in connection with Sanskrit derivatives. But it has also come to be affixed to some pure Dravidian nouns, *e. g.*, Tamil, *talaivan*, a Lord; Tamil, *talaivī*, 'a lady'; Tamil and Malayalam, *kiḷaran*, old man; *kiḷavi*, old woman; Tamil, Malayalam, *kallan*, 'thief'; *kallī*, 'a thievish woman.' Thus in Malayalam and Tamil, the *i*, feminine suffix, has been added to Dravidian words. But in Canarese and Telugu only Sanskrit feminine words such as *dēvi*, etc., end in *i*. Dr. Caldwell gives *perdgi*, a girl, in Goṇḍi, the masculine being *perdgaḷ*.

8. *du* (Neuter singular suffix).

Primitive Dravidian neuter suffix was *du*. In Tamil, Malayalam and Canarese it is found in its original form. In Telugu it is *dī*. In Goṇḍi, Kolāmi, Naikī and Kurukh, Kōrvi and Kaikāḍi, it is *d*. In Malto it is unvoiced and aspirated to *th*. In Kui, it is trilled to *r*, and becomes *erī*. In short in the North Dravidian languages it has had the same development as the feminine suffix *adī*, *∠* Pr. Drav. *attā*.

Before concluding our article on Dravidian Gender, it will be well, we think, to give a table of the demonstrative pronouns in the different Dravidian languages as they very faithfully illustrate the various gender suffixes used in those languages:—

No.	Languages.	He.	She.	It.	They (rational).	They (irrational)
1	Tamil ...	avan ...	avaḷ ...	adu ...	avar ...	avaḷ.
2	Malayalam ...	avan ..	avaḷ ..	adu ...	avar ...	ava.
3	Canarese ...	avanu ...	avaḷu ...	adu ...	avaru ...	avu.
4	Tulu ...	āye ...	āḷu ...	a(v)u ...	āru, ākuḷu ...	aikuḷu.
5	Telugu ...	vāḍu ...	adi ...	adi ...	vāru ...	avi.
6	Goṇḍi ...	ōn, ōr ...	ad ...	ad ...	ōrk ...	āu
7	Kui ...	ēaṇju ...	eri ...	eri ...	ēbāru ...	ēwi, ēwa.
8	Kolāmi ...	amd, avand	ad ..	ad ...	aur ...	adān, ad.
9	Naikī ...	aun ...	ād ...	ād ...	aur ...	add.
10	Malto ...	āh ...	āth ...	āth ...	āwer ...	No plural.
11	Kurukh ...	ās ...	ād ...	ād ...	ār ...	abrā.
12	Korvi ...	āva, avū ...	ava(l) ...	ā(d) ...	avga ...	āga.
13	Kaikāḍi ...	āu ...	ād ...	ād ...	āung ...	āya.
14	Brahui ...	Ē, ô ...	Ē, ô ...	Ē, ô ...	ôfk, êfk ...	ôfk, êfk.
No difference of gender.						

(To be continued)

AN ENQUIRY INTO THE BIRTH AND MARRIAGE CUSTOMS OF THE KHASIYAS AND THE BHOTIYAS OF ALMORA DISTRICT, U. P.

BY PANNA LALL, M.A., B.Sc., LL.B., I.C.S.

Birth Customs.

FROM the commencement of the sixth month of pregnancy, a woman is supposed to become unclean. Her relations would not eat food cooked by her (probably intended to lighten her domestic work during this difficult time).

In the eighth month there is a pre-natal ceremony. The husband and the wife sit together and worship the family gods, a Brāhmaṇ priest officiating.

There are a number of methods employed to lighten the labour: (a) the husband has to go stark naked and fetch water from the junction of two streams. He must take care, when filling the bucket or other vessel with the water, to move it in the water downwards, *i.e.*, in the direction of the current. This water, if sprinkled over the lady, would ease the delivery of the child. So will also any of the following: (b) a weapon, that has committed some bloody deed (*e.g.*, a sword or a dagger that has tasted human blood), is kept in the patient's bed; (c) or a piece of a rope, which has been used to hang a man; hence a demand for bits of the hangman's rope from the jail; (d) or the genital organ of a bear kept under the pillow; (e) a man must steal the iron head-piece of a *moosal* (a big wooden pestle) on a *Somavati Amāvāsya*. From this iron, rings should be made, which, if worn by the woman, would ease her pain; (f) a man must first untie the knot of his *choṭi* (pig-tail), then pick some grass which he must tie with three strands of cotton. These, tied to a woman's waist, are of great effect.

The child's name is determined by the priest according to astrological considerations, though the parents, if so inclined, may give another name of their own selection. This ceremony is usually performed on the eleventh day. The people of the *bradrī* and friends are invited. They bring presents and are feasted.

The umbilical cord is not buried, but is placed outside the house on the top of the door (above the lintel). In some parts of the district it is so placed on the top of the door of the Raja's house (Tahsil, Deputy Commissioner's office, and so forth).

A child dying during infancy is buried, the term infancy being interpreted variously. Some would bury a child if it died before his *Yajñopavit* (investiture with the sacred thread). Others only if it had not eaten any grain (see below). Others again would cremate (not bury) a child if it had grown a tooth.

A woman during child-birth is isolated; but it seems to be due now not to any idea that it is she who is at that time specially susceptible to infection (as it must have been once) but that she herself is in a state of pollution and untouchable. To protect her, however, from the harmful visits of evil spirits, a fire must be kept alive in her room all the time, and in some places a sword or a dagger kept there as well.

A woman who is *enceinte* must not eat *urd-ki-dal* or green vegetables. Cayenne-pepper and meat are prohibited too. And she must eat only sparingly of salt. After child-birth, too, she may drink only medicated water, and eat *panjri*, a sweet preparation, or boiled rice by itself.

A woman who has given birth to a child must bathe on the 1st, 5th, 6th, 7th, 9th, 11th, and 22nd days of the delivery. Only then will her relations take food or water that has been touched by her. Up to the eleventh-day bath, indeed, even her touch causes pollution; this extreme strictness is however relaxed after the eleventh day, though none may eat things touched by her until the twenty-second day. The sixth day is however an exception—on that day her touch causes no pollution to men or food. The original reason of these may have been to give a woman absolute rest for eleven days and no task for twenty-two days.

The feeding of the child for the first time or the *anna—prashad* ceremony takes place in the sixth month. The priest and the relations are invited. The child is clothed in new garments, and some rice, cooked in milk, is given to the baby to eat, after the priest has helped the family to worship.

As for twins (two girls or two boys), they have no special significance. But if they turn out to be a boy and a girl, it is considered very inauspicious. In the latter case, too, there is a distinction. A girl followed by a boy, though bad, is not so bad. But if the boy precedes the girl, it is a dreadful scandal indeed, for it is imagined they are really like husband and wife, though born of the same mother.

It must be so arranged that a girl first menstruates while at her husband's home. Menstruating for the first time at her parents' house is an evil to be avoided at all costs, for it would certainly bring ill-luck to her brothers. So if it is suspected that a girl is about to menstruate, she is sent at once (if married, as indeed she usually must be at that age) to her husband's home. If, however, that cannot be arranged, she must be sent away to a friend's house at least.

At her husband's home, a wife's attaining puberty is celebrated very much like the birth of a child. Friends and relations are invited. The husband and the wife together worship the god—and there is feasting.

If the former children of a woman have died, there is a simple method for saving a subsequent one from a similar fate. The child is given away to a *jogi* so that he no longer belongs to her parents' household, and, therefore, escapes any evil fortune connected with it.

The *jogi* gives his *mantram* (the sacred formula) to the child by whispering it in its ear—thus completing the discipleship of the child; and finally, to mark this physically, ties a *rudraksh* bead round the child's neck. The parents then purchase the child from the *jogi* for money. The *jogi* has to be invited at the *Yajñopavīta* and the marriage festivities of the child, who is often in such cases even called "*Jogia*."

Marriage Customs.

Polyandry.—Polyandry, though prevalent across the border in Tibet, does not exist among residents of Bhot on this side of the border, though the Bhotiyas are undoubtedly of Tibetan origin. The language has affinities with the Tibetan, and they have the same Mongolian cast of countenance. It may be that contact with the more elaborate social and religious polity of the Indian immigrants from the plains made the Bhotiyas give up this custom. Whatever the cause of the disappearance may be, there is now no trace of polyandry in any shape in the Bhot parganas of Johar, Darma, Chaudas or Bians. I made special and careful enquiries; for, it had been suggested to me by Mr. E. A. H. Blunt, I.C.S., that it may possibly be found in Darma. But in Pargana Askot there is a tribe called the Rajis. They live an uncivilized life in the wilds of Askot and Nepal borderland, and are called *Ban-manas* (men of the wilderness) by the residents. They practise polyandry, though now they deny it when asked specifically. One of these men who denied this before me was asked if he could say that his mother (there present) was not equally the wife of his father and his uncle. The mother and son both kept significantly silent.

As for parentage, the first child is said to belong to the eldest husband, the second to the second, and so on in order, whatever the real parentage may be. There have been various speculations about the origin of this tribe, but nothing has been established definitely yet. They probably represent some of the pre-Aryan inhabitants. Some Tibetan families, that have settled at Khimling (Darma), are of course polyandrous.

Niyoga.—*Niyoga* was an ancient custom among the Hindus, by which a childless widow often raised a son to her dead husband through the agency of her dead husband's brother, or sometimes a *Rishi*. Paṇḍu and Dhṛitarāshṭra, the progenitors of the Pāṇḍavas and the Kauravas, who fought

in the *Mahābhārata* or Great Battle, were born in this way. The idea was to have a son (*putra*) to offer libations to the dead husband to save him from the terrible hell (*put.*) Hence, (1) Niyoga was allowed only to a childless widow; (2) not more than one son was allowed; and (3) the son belonged not to his real father but to the dead husband of his mother. No trace of this custom in its entirety is found anywhere in India now. But among the Zamindars of Almora district (who are chiefly of Khasia origin), a widow generally becomes the wife of her dead husband's younger brother, and this even though amongst these Rajpûts ordinary widow-marriage is not allowed. But a brother's taking to wife his elder brother's wife is looked upon as a matter of course, and the children of the union are treated as legitimate. And this is a younger brother's special right; for, if the widow goes to live with some other man (as concubine, for remarriage is not permitted), the younger brother can demand payment of the bride-price from the new husband. This custom, however, cannot have been derived from Niyoga, for there is no idea of raising children to the dead husband—the children of the union belong to the begetter, and, therefore, even widows having sons can become the wives of their dead husband's brothers. Nor is union with a stranger permitted as in Niyoga. The custom is far more probably a survival of polyandry, at least in the hills, for the widow does not "marry" the brother—there is no ceremony—but she simply begins to live with him as his wife. And even during the lifetime of her husband, a woman's *liaison* with her husband's younger brother is not visited with the same punishment as with a third person.

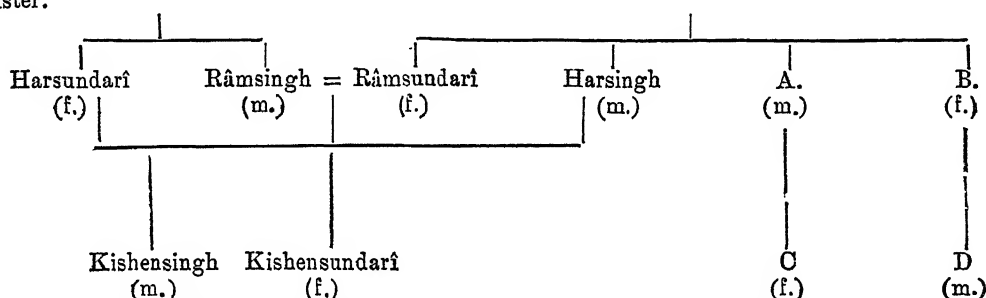
The Donas and the Bhotiyas have somewhat similar customs. In Bians and Darma, where people have free choice in selecting their husbands or wives, a widow cannot marry anybody other than her husband's brother, unless that brother or the members of the family relinquish their right—almost a lien—over her. This they signify by formally giving her a piece of cloth. Then, but not otherwise, the widow is free to marry anybody else she likes.

Marriage by Capture.

In the Eastern Bhot of the Almora District (Parganas Darma, Chaudas and Bians) a modified form of marriage by capture prevails to this day. As said above, these Bhotiyas allow their young men and women to choose their own mates. For this purpose they have in every small village public meeting places (called Rangbang) where young people of either sex meet each other and have opportunities of getting to know each other before choosing their life-partners. Here they sing and dance and feast together almost every night, and a young man who can sing well need not fear rejection. But a disappointed lover does not go and nurse his grief in silence. Having taken some sweets and cooked meat with them, he and his friends lay in wait for the lady, catch her by force, and the lover puts the meat and the sweets in her mouth. No sooner the meat touches her tongue than she becomes his "lawful wedded wife." They then let her go. But no one else can after that marry her, unless the man releases her from the bond by formally giving her a piece of cloth. Often the woman yields after that and goes to live as the captor's wife. Sometimes she declines. Then the captor may or may not release her. I have known several virgin women of this kind who refused to live with their captors, and, who, not having been released, cannot marry any one else now and live a miserable life of forced virginity. In one or two cases I was told the British Law Courts interfered, punished the man and ordered him to let the woman go. "But, alas!" say the men, "the magistrate did not order him to give her a piece of cloth as well, for not until then can she be free to marry again." Another variety of marriage by capture exists among the Bhotiyas (according to K. Khadga Singh Pal). A lover tells his sisters who the lady of his choice is. They track her in the fields, on the wild pastures, or on the mountain side, seize her and bring her to their brother's home by force!

Evidence of Matriarchal Times.

There is little evidence of this in the hills beyond the importance of the mother's brother in certain functions. Amongst the Rajpūt Zamindars who, as said before, are chiefly Khasias, when people bring an offer of marriage to a girl's father, he asks for a certain price, and a part of it is fixed there and then as *Mama-Jholi*, or the maternal uncle's share in the price of the bride. Later, at the time of the wedding, he too performs the *Kanyā-dāna* or the giving away of the bride. This would seem to point to times when the mother's brother was the head of the family and the guardian of his sister's children. The Brāhmaṇs (=later Aryan immigrants in the hills) do not have this custom. But allied with this question is the custom of cousin marriages. These are common—nay they are the rule—among the Bhotias of this district. For these I have obtained direct, as well as some valuable indirect, evidence based on linguistic considerations. But before discussing these I shall describe a minor custom, *viz.*, that of marrying one's sister's husband's sister.



(1) If Rāmsingh marries Rāmsundari, her brother Harsingh usually marries her husband's sister, Harsundari. This is the rule among the Bhotias, and is not unknown even amongst the Khas Rajpūts and the Brāhmaṇs of the rest of the district.

Thus Rāmsingh's sister, and wife's brother's wife is the same person Harsundari—accordingly we find (as we would expect) these two relationships denoted by the same word. This word is:—

In Chaudas *Atā* (for elder) *Bhooli* (for younger)

In Bians *Potā* „ *Ringshā* „

In Johar *Atā* „ *Bhooli* „

In Almora *Didi* „ *Behn* „

Thus four different languages confirm the existence of this custom.

(2). It is interesting to look at this double relationship from the offspring's point of view. It would be seen from the diagram that

Kishensingh's { mother's brother,
father's sister's husband } is the same person—Rāmsingh.

And we find these two entirely different relationships denoted by the same term:—

By Bhotias of Bians *Thangmi*.

By Bhotias of Chaudas *Thangmi*.

This term is not the same for the two relationships in Almora, but in Pargana Katyur of Almora even Rajpūts have the same word *Māmā* for both mother's brother and father's sister's husband; or

(3) Again,

Kishensingh's { father's sister,
mother's brother's wife, } is the same person—Rāmsundari,

and we find both these relations called by the same term:—

In Chaudas *Chini*.

In Bians *Chini*.

- (4) Kishensingh is Ramsingh's

sister's son (m. s.) ¹
wife's brother's son.

We find these two relationships denoted by the same term :—

In Chaudas *Bhanj*.

In Bians *Bhanj*.

- (5) And finally

Kishensingh is Rāmsundari's

brother's son, (f. s.) ²
husband's sister's son.

We find these two relationships denoted by the same term :—

In Chaudas *Nunu*.

In Bians *Pij*.

Thus we find valuable linguistic evidence in support of this custom which we know exists all over this district, but which is repugnant to the higher Hindus of the plains of India.

Cousin Marriages.

I take up next the case of cousins. Cousins are of four kinds :—

1. Father's brother's child, *e.g.*, Kishensingh and C.
2. Father's sister's child, *e.g.*, Kishensingh and Kishensundari or C. and D.
3. Mother's brother's child *e.g.*, Kishensingh and Kishensundari or C. and D.
4. Mother's sister's child, *e.g.*, Kishensundari and D.

In the United Provinces, generally speaking, the Hindus make no distinction between these four classes of cousins. They are treated as brothers and sisters. But in the Almora District not only the Bhotias but the Rajpûts and the Brâhman make a distinction, dividing these four into two groups.

- (1) Father's brother's child, *e.g.*, Kishensingh and C.
Mother's sister's child, *e.g.*, Kishensundari and D.
- (2) Father's sister's child, *e.g.*, C. and D.
Mother's brother's child, *e.g.*, C. and D.

(a) I shall first deal with the Rajpûts and Brâhman. They do not have different terms for these groups, it is true. But we find the difference if we look at it from the parents' point of view—we find Harsingh looking upon his brother A's children as his own, Rāmsundari looking upon her sister B's children as her own, denoting both by *cheld* or *cheli* (the words for son and daughter.) But we do not find Harsingh using these words for his sister's children, or Rāmsundari using these words for her brother's children although the degree of relationship is the same. The Rajpûts and Brâhman of Almora are unable to give any reason for this difference in the language. Why are a man's brother's children and a woman's sister's children more like their own children than the children of a man's sister or a woman's brother? The explanation, I have no doubt, is to be sought in the (what must have been once prevalent) custom of cousin marriages. The cousins of the first group (father's brother's children, and mother's sister's children) being forbidden, but not the other two cousins—group (2) above. And this would be the reason why two brothers look upon each other's children as their own, and so do two sisters—for these children are forbidden to marry each other. But a brother and a sister do not regard each other's children as their own—for these children can marry each other.

Thus cousins of group (1) Kishensingh and C., or Kishensundari and D. cannot marry each other.

And cousins of group (2) Kishensingh and Kishensundari or C and D can marry each other.

(b) We find confirmation of this in the Chaudas and Bians dialects. There, too, a man's brother's children, and a woman's sister's children are denoted by the same term as son (*sri*) or daughter (*chamaine*) but a woman's brother's son, and a man's sister's son are not called *sri*, but are denoted by the same term *bhanj*.

¹ M. S. = male speaking.

² F. S. = female speaking.

(c) Then, again, the terms used by the cousins themselves are most instructive. In Chaudas and in Bians,

father's brother's son, mother's sister's son, brother	|	are called <i>Yhā</i> (brother)
--	--	---------------------------------

showing that these cannot be married; but

father's sister's son, mother's brother's son,	|	<i>i.e.</i> , marriageable male cousins are called <i>Chhē</i> (Chaudas) and <i>Pod</i> (Bians)
---	--	--

showing both these belong to one kind and are different from the cousins *Yhā* above; and

father's sister's mother's brother's	|	daughter, (m. s.) <i>i.e.</i> , marriageable female cousins, are called <i>Chhēmain</i> (in Bians)
---	--	---

showing that these two kinds of cousins belong to the same group. Both are marriageable. I have forgotten what the term is in Chaudas dialect, but I have no doubt it is the same for both. Thus we find that of the four kinds of cousins:

- (1) two are forbidden in marriage, and are denoted by the same term as brother (*Yhā*), and
- (2) two are marriageable and are denoted by the same term:

Pod (Bians) for males.

Chhēmain (Bians) for females.

That though among the Rājputs and Brāhmins of Almora cousins of neither class may be married, yet their language from the parents' point of view divides the cousins into the same two groups: those of group (1) are treated as own children, but not so the other two. This possibly points to the existence of such cousin marriages at some remote time. But the Rājputs and Brāhmins, having adopted the Brahmanical religious code, resent any such insinuation.

An interesting development of the idea that marriageable male cousins are called *Pod* and marriageable female cousins *Chhēmain*, is seen in the application of the term *Pod* to all males, who are in marriageable degree of relationship, and whose brothers or sisters have actually been married and, therefore, who are (so to speak) cousins by courtesy. These are

husband's brother (f. s.) sister's husband (f. s.)	|	= <i>Pod</i>
---	--	--------------

And the term *Chhēmain* is applied to similar females, *viz.*,

wife's sister, m. s. brother's wife, m. s.	|	= <i>Chhēmain</i> .
---	--	---------------------

There remain only the cousins of the same sex but within marriageable degree, *i. e.*, who, if one of them had been of a different sex, would have been marriageable, and, therefore, whose brothers and sisters have actually married or are marriageable.

These are:—

- Father's sister's son (m. s.)
- Mother's brother's son (m. s.)
- Father's sister's daughter (f. s.)
- Mother's brother's daughter (f. s.)
- Husband's sister (f. s.)
- Brother's wife (f. s.)
- Wife's brother (m. s.)
- Sister's husband (m. s.)

These all are denoted by the term *Tētē*!

Thus we see that in the Biansi dialect the names for cousins is based upon the idea of marriage. There is one term for the forbidden ones, another for marriageable males (f. s.), a third for marriageable females (m. s.), and a fourth for males and females who would have been marriageable but for the fact that they are of the same sex as the speaker.

In the family given in our diagram Kishensundari and Kishensingh are, thus, marriageable cousins. Let us suppose them to marry each other. We thus get a triple bond between the couple, *s. c.*

(1) Kishensingh is Rāmsingh's sister's son, wife's brother's son, daughter's husband, m. s.

(2) Rāmsingh is Kishensingh's mother's brother, father's sister's husband, wife's father, m. s.

(3) Rāmsundari is Kishensingh's father's sister, mother's brother's wife, wife's mother, m. s.

According to our theory we should expect to find only three terms, one for each of these groups. And as a matter of fact we find all the relations of :—

group 1 called *Phanj*.

group 2 called *Thángmí*.

group 3 called *Chini*.

Thus affording a beautiful example of the intimate connexion between the language used and the marriage customs of a tribe.

Table showing the terms used for various relationships by the Bhotiyas and the Khasiyas of Almora.

English.	By Khasiyas round about Almora.	By Bhotiyas of Johar.	By Bhotiyas of Chaudas.	By Bhotiyas of Bians.
1. Father	Bâbâ, Bâjoo, Bâbjoo.	Âpâ ... ..	.....	Bâ.
2. Mother	Ijâ	Âmâ ... ..	.....	Nâ.
3. Elder brother (m. s. and f. s.)	Dâdâ, Dâjoo ...	Dâdâ	Yhâ	Yhâ.
4. Younger brother (m. s. and f. s.)	Bhai	Bhûli	By name ...	Nunu.
5. Elder sister (m. s.) ...	Didi	Âtâ	Âtâ	Potâ.
6. „ (f. s.) ...	Didi	Âtâ	Âtâ	Tâtâ.
7. Younger sister (m. s. and f. s.)	Behin	Bhooli... ..	Ringsha ...	Ringshâ.
8. Father's brother, elder	Bara bap, Thul bap, Bajoo.	Teva	Tâbâ	Bâbu.
9. Father's brother's wife, elder brother's, younger brother's.	Kâkâ Jethijâ; Thulijâ; Jethjâ, Thuljâ. Kâki	Kâkâ Timain Kâki... ..	Kâku Tamlâ... .. Chichi... ..	Kâku. Pûnâ. Chichi.
10. Father's brother's male child (m.s. and f.s.)	Chachera bhai, bhai.	As bhai(8 above)	Yhâ	{ Yha, if older. Nunu, if younger.
11. Father's brother's female child.	As sisters above ...	As sisters above.	As sisters above.	As sisters above.
12. Father's sister ...	Didi, Bûbû, Phûphi.	Ani	Chini	Chini.
13. Father's sister's husband.	Bheenâ, (called also Mâmâ in Katyur).	Bheenâ, Peshâ.	Thángmí ...	Thángmí.
14. Father's sister's son...	As 3 and 4 above ...	As 3 & 4 above.	{ Elder, Chhé. Younger by name.	{ Tété m. s. Poâ, f. s. Chhé main, m. s. Tété, f. s.
15. Father's sister's daughter.	As 5, 6 & 7 above...	As 5, 6 & 7 above.	.....
16. Mother's brother ...	Mâmâ	Mâmâ... ..	Thángmí ...	Thángmí.
17. Mother's brother's son	As 14	As 14... ..	As 14... ..	As 14.
18. Mother's brother's daughter.	As 15	As 15	As 15	As 15.
19. Mother's sister (elder) (younger)	Jethjâ (cf.)... .. Kainjâ	Thuli amâ Nanhi amâ ...	Poo-chichi, Pochi Shen-chichi, Shenchí.	Pochi. Shenchí.

English.	By Khasiyas round about Almora.	By Bhotiyas of Johar.	By Bhotiyas of Chaudas.	By Bhotiyas of Bians.
20. Mother's sister's husband.	{ Elder sister's—Jeth bāp. Younger sister's—Kasbāp. As 10 & 11	{ As 10 & 11	Kākū ...	Kākū.
21. Mother's sister's child.	As 10 & 11	As 10 & 11	As 10 & 11	As 10 & 11.
22. Father's father	Būbū (<i>cf.</i> 12)	Būbū	Titi	Titi.
23. Father's mother	Āmā	Achē	Lalā	Lalā.
24. Mother's father	Būbū, malkota būbū.	Mapa	Titi	Titi.
25. Mother's mother	Āmā	Munyan	Lalā	Lalā.
26. Husband	Spoken of as mālik... but addressed by circumlocution 'father of.....'	Bek, addressed by circumlocution.	Rithi, addressed by circumlocution.	Rithi, Yorashri, addressed by circumlocution.
27. Wife's father	Sasur, shorju	Shaura	Thāngmī	Thāngmī.
28. Wife's mother	Shāshū	Shāshū	Chinī, poeni	Chinī, pooni.
29. Husband's father	Shashur, shorju	Shaura	Thāngmī	Thāngmī.
30. Husband's mother	Shāshu, Jew	Shāshū	Chinī, pūni	Chinī, pūni.
31. Wife's brother	{ Elder, Jethu Younger, Sālā, but addressed by name	Jethu Sala	Chhé, if older than the speaker Addressed by name if younger.	Tete.
32. Wife's sister...	{ Elder, shāshū, Jethow. Younger, Sālī	Jeth shāshū Sālī	Chhémain, if older. By name, if younger.	Chhémain.
33. Husband's brother	{ Elder, Jethān Younger, Dewar	Jethu (<i>cf.</i> 31) Dewar	Chhé, if older...	Poa.
34. Husband's sister	{ Elder, Jew Younger, Gusiānī.	Pūyū Younger by name.	Chhémain	Tete.
35. Wife's sister's husband	Sarhdharu bhai	Sarhubhai	Yhā	Chhārpeo.
36. Husband's elder brother's wife.	Jethānī, addressed as dīdī.	Ātā	Ātā	Tātā.
37. Husband's younger brother's wife.	Deorānī	Bhūli	By name	Ringsha.
38. Son's wife's father	Samdhi	Samdhi	Chhé	Tété.
39. Son's wife's mother	Samdhin	Samdhin	.....	Tātā.
40. Wife's elder brother's wife.	Dīdī	Ātā	Ātā	Potā, Tātā.
41. Wife's younger brother's wife.	Nadia behin	Bhūli	Bhūli	Ringsha.

English.	By Khasiyas round about Almora.	By Bhotiyas of Johar.	By Bhotiyas of Chaudas.	By Bhotiyas of Bians.
42. Husband's sister's husband.	Dada (<i>cf.</i> 40) ...	.....	.....	.....
43. Son	Chela, addressed as Bhow, or by name.	Chela	Sri	Sri.
44. Daughter	Cheli	Cheli ... ..	.....	Chamain.
45. Brother's son (m. s.)	Bhatija	Chela	Sri	Sri.
46. Brother's son (f. s.)	Bhadiya	Bhadiya	Nunu	Pij.
47. Husband's mother's elder son.	Jethan, Jethju ...	Jethi	Chhê	Poa.
48. Husband's mother's younger son.	Dewar	Dewar	Pooga	Mase.
49. Husband's mother's elder daughter.	Pooi, addressed as Nanju.	Pooi	Munchi	Tete.
50. Husband's mother's younger daughter.	Nanda	Ani ... ..	.....	.....
51. Wife's brother's child.	Sala	Sala	Bhanj	Bhanj.
52. Sister's child (m. s.)	Bhanej	Bhanj	Bhanj	Bhanj.
53. Husband's sister's child.	Bhanej ... ..	.....	Nunu	{ Male child Pij Female child Pima.
54. Sister's child (f. s.)	Chela (m.); cheli (f.)	Chela; Cheli ...	Sri (m.) ..	Sri (m.); Chamain (f.)
55. Wife's sister's child	Chela ... ..	.....	.....	As 54.
56. Son's son } m. s. or	Nati	Nati	Khe	Khwe.
57. Daughter's son } f. s.				
58. Wife	Siâni; Sheshni ...	Sianî	Rithishia ...	Rithishia; Minangshri.
59. Daughter's husband (m. s. and f. s.)	Jamai	Jamai	Bhanj	Mayeh.
60. Son's Wife (m. s. and f. s.)	Buârî	Buârî	Namsia	Namsia.
61. Elder sister's husband (m. s.)	Bheena	Bheena	By name if addressed younger.	Poa.
62. Elder sister's husband (f. s.)	Bheena	Bheena	By name if younger; Pooga if older.	.....
63. Younger sister's husband (m. s.)	Jamai	Jamai	Chhe	Tete.
64. Younger sister's husband (f. s.)	Jamai	Jamai	Pooga if older; By name if not	Poa.
65. Elder brother's wife (m. s.)	Bhanji, Bojeo ...	Bo	{ Chhémmain if older, by name if not.	Chhémmain if older, by name if not.
66. Younger brother's wife (m. s.)	Buari	Buari		
67. Brother's wife (w. s.)	As 65 & 66 ...	As 65 & 66 ...	As 65 & 66 ...	Tete.

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY.

SERIES III.

BY H. A. ROSE, I.C.S.

(Continued from p. 250, Vol. XXXIX.)

Bangar : *Quercas incana* : Simla S. R., 1883, p. 43.**Ban Kinu** : wild mulberry : Simla S. R., 1883, p. 43.**Banta** : a metal vessel smaller than the *batoli* for dipping water and drinking from. Karnâl S. R., 1880, p. 121.**Bão bāja** : a camel ailment; the eyes water badly and sometimes the animal cannot raise his head or move his legs. Sirsa S. R., 1883, p. 306.**Bâpû** : father. Cf. *Aga*. Bauria *argot*.**Bâr** : the vertical lanthorn wheel on which hangs the *mâl*. Cf. *od*. Karnâl S. R., 1880, p. 160.**Barâ** : a deep square box, usually made of cedar or pine, and holding from 20 to 50 *mans* of grain : built against a wall which forms its fourth side : cf. = *Khând* or *Khândi*. Simla S. R., 1883, p. 44.**Bâra** : low-lying moist land on the edge of a stream, so called because of the *bâr* or hedge put outside it to protect it in floods and from cattle. It is generally sandy but being moist is fairly productive. Hoshiârpur S. R., p. 69.**Bâra** : a cattle-shed. Karnâl S. R., 1880, p. 120.**Bârâ** : a part of a room (separated by a wooden wall) in which rams are kept. Sirmûr.**Bârach, bârch** : a hedge-row, beyond a hedge of trees and bushes. Kângra Gloss.**Barajnâ** : = *varajnd*.**Barâra** : an agricultural implement : Simla S. R., 1883, p. 45.**Barehi** : fallow for a whole year. Kângra S. R. Gloss, p. xvii.**Bares katû** : buckwheat (*Fagopyrium vulgare*). Kângra S. R., p. 25.**Barhunî** : a thick wood of rhododendron. See under *bûndr*.**Bari** : the wedding presents brought by the bridegroom's father. Sirsa S. R., 1883, p. 166.**Bâri, Banni** : a small grove of trees planted thick. Kângra Gloss.**Baril**, = *chîl* (*Pinus longifolia*). Simla S. R., 1883, p. 43.**Baroli** : a bowl for cooking vegetables and boiling and setting milk. Cf. *hândi*. Karnâl S. R., 1880, p. 121.**Barotuwâla** : a porter (Kullû). Kângra Gloss.**Barrâ** : *barrâ*.**Barrâ** : adj. white-eyed (of a horse).**Barra Badd** : a descriptive term applied to a big field in which some crop is standing. Literally a big mow or reap. Kângra Gloss.**Barral** : the beam on which the ceiling or floor of an upper room is supported. Kângra Gloss.**Barsaudi** : the first anniversary after a death. Karnâl S. R., 1880, p. 138.**Barti** : *Panicum brizoides*. Gurgaon S. R., 1883, p. 68.**Barto** : a *vand* held rent-free in lieu of military service. Kângra S. R. (Lyll), p. 32.**Bâsâ** : a house belonging to a State or to a *deota* where grain is generally kept; people also live in a State *bâsâ*. Wherever there is a State land a *bâsâ* is built for the storage of its produce, &c. Simla Hills.**Bâsa** : a hamlet, especially if secluded : Narpur. Kângra S. R. (Lyll), § 22.**Bâsand** : fallow rice-land. See under *dhowdr*.**Basantia** : a small mango fruit of a yellow colour inside (*basanti*). Hoshiârpur S. R., p. 15.**Basi jâna** : to sit. Bauria *argot*.**Bâsi** : food cooked the previous evening. Sirsa S. R., 1883, 141.**Bâsi** : a house, dwelling-place. Kângra Gloss.**Basikû** : a tenant located on the land. Kângra Gloss. = *Bâsikû opâhu* (Lyll, p. 45), *see opâhu*.

Basnu: a tenant who lives on the land he cultivates = *basiku opāhu*. Kāngra S. R. (Lyall), § 40 of Review.

Basoa: a festival held on 1st Bisākh in Pāngī; *i. q.*, Bishū. [This is the common New Year's Day festival—called Bishu in the *villages* in Ravi Valley and Pāngī—called Basoa in the capital of Chamla.]

Bāsta: fallow.

Basūti (*adhātoda vasica*): a small rank plant, avoided by cattle, though sheep eat its leaves and goats its skins. Kāngra S. R. (Lyall), p. 38.

Bāt: a footpath or road. Kāngra Gloss.

Bātālan: a species of maize. It has a short cob and a small grain, but is said to ripen in two and a half months. Ludhiāna S. R., 1883, p. 113.

Batāo: the state of the ground after the *paleo* or rain, when it is neither too wet nor too dry for ploughing. Karnāl S. R., 1880, p. 170.

Bateo: a traveller; who, if he has no friends in the village, puts up as a matter of course in the common room of the village and receives food and tobacco free. Karnāl S. R., p. 106.

Baterā: a stone-maker (sic.). Kāngra Gloss.

Baṭhaunā: to cause to sit.

Baṭhṭhṇā: irr. p. part. of *barasnā*.

Bāti: stony and sandy land. Cf. *pathrākal*. Hoshiārpur S. R., p. 70.

Bātkā: a small metal cup. Cf. *chhana*. Sirsa S. R., 1883, p. 159.

Batokaru: a due paid by shepherds for the passage of flocks through a village, as opposed to *alokaru*, a toll paid for crossing a swinging bridge: Lāhul: Kāngra S. R. (Lyall), p. 113.

Batoli: a small narrow-mouthed cauldron, made of metal, for ordinary cooking and carrying water to the fields. Karnāl S. R., 1880, p. 121.

Batolna: to collect, gather together. Kāngra Gloss.

Battar: (1) the moistening of land by irrigation or rain, necessary to make it fit for plough; (2) the proper time for ploughing land. Kāngra Gloss.

Batua: a weed (*chenopodium album*), whose leaves are collected for spinach. Rohtak.

Batwa: a large brass pot. Sirmūr cis-Giri.

Batwāl: the village messenger and watchman. Kāngra Gloss.

Bāuk: solid anklets. Karnāl S. R., 1880, p. 125.

Bāuka: a small low platform with a saucer-like depression in it, made to a *gyāl* and on an *amāwas*, especially on the Diwālī or *amāwas* of Kātik; the people pour Ganges water and cow's milk in its saucer, light lamps, feed Brahmans, and dig mud by them. Karnāl S. R., 1880, p. 149. Cf. *bharokā*.

Baunch: a thicket or impenetrable place (Dera). Kāngra Gloss.

Bauri: *baukī*. See *bain*.

Bāwan: woman. Bauria *argot*.

Bāwani: the lowest stratum which holds the real spring water. Karnāl S. R., 1880, p. 159.

Bāwar: a second storey. Sirmūr.

Bāwar: a snare with which wild animals are caught. Sirsa S. R., 1883, p. 110.

Bedi biāh: a marriage ceremony in the ordinary Hindu form. Kāngra S. R., p. 98.

Behi: a spur or small ridge running out from a hill (Gāḍi). Kāngra Gloss.

Behi jana: to sit down; *behījān*, to be seated. Cf. *besnā*, Kāngra Gloss.

Behnddol: see *bahndol*.

Bei, bān or beyn: a small arm or branch of a stream or river. Kāngra Gloss.

Bejar: a mixture of barley and *masar*. Hoshiārpur S. R., p. 75.

Bela : a broad, shallow saucer for drinking hot liquids from. Karnâl S. R., 1880, p. 121.

Belwa : a cup. Sirmur trans-Girî.

Beong : a nick-name. Karnâl S. R., p. 77.

Ber : an embankment. Sirsa S. R., 1883, p. 406.

Bera : a rope made of crushed cane. Jullundur S. R., p. 102.

Bera : an open courtyard in a house. Ludhiâna S. R., 1883, p. 65.

Beran : (1) the culm or seed stem of the *pannî* (*Andropogon muricatum*) grass. Karnâl S. R., p. 13. (2) five culms of the *pannî* grass affixed with cowdung at the birth of a child. *Ib.*, p. 148.

Bairra, **berî** : barley and wheat sown in the same field, so any two or more grains—ground together in the *grât* or water mill—are called *berî ka âtâ*.

Beski : watching the grain from the time it is cut till it is divided between proprietor and tenant. The watchman is called the *beskû*. Kânga Gloss.

Besnâ : to sit. Cf. *bhî jând*. Kânga Gloss.

Besti : certain days on which periodical services have to be rendered to the Thâkur in Lâhul : Kânga S. R. (Lyall) p. 110.

Betangna : a due or relief payable by a *lâlôk* or 'pass-crosser' if he care not to cross a pass during the year : Lâhul : Kânga S. R. (Lyall), p. 110.

Bhâba : the rent or tax of a sheep-run, used in Chumba. Kânga Gloss.

Bhâbar : the *mînj* of the Punjab Proper. Karnâl S. R., p. 14.

Bhadauria : a mango that ripens in the month of Bhâdon. Hoshiârpur S. R., p. 15.

Bhaddu : a cooking pot. Sirmûr trans-Girî.

Bhadwâi : a cow which has calved in Bhâdon. Jullundur S. R., p. 55.

Bhadwâr : soil in which spring crops are sown, and which has not borne a crop in the preceding autumn. Karnâl S. R., 1880, p. 193.

Bhagan : a fish (*crossophilus reba*). Karnâl S. R., p. 7.

Bhartoli : *chapattis* made of *bhart* flour.

Bhatorû : bread cooked with *amlera* or sour flour to make it rise. All the Pâhâris eat *bhatôrû* in spring and summer. In winter they generally eat unleavened bread, which they call *poli*. Kânga Gloss.

Bhatrî : a tenant farmer residing in another village. Cf. *hal châk*, *oprâ* and *dudharehar opdhû*. Kânga S. R. Review, p. 8.

Bhattan, **bhakrain** : a mallet for clod breaking, also called *hotela*. Kânga Gloss.

Bhed : a ewe sheep ; *lar*, a ram ; *dongwar*, a cut male under four years ; *bikanu* a cut male over four years ; *urnu*, a lamb under six months ; *dotrî*, young ewe which has not yet lambed (Gâdî). Kânga Gloss.

Bhekhal : a kind of bush, not more than 5 or 6 feet high. The fruit ripens in May and people grind its seeds for oil. It is not good eating, but bears like it. Simla Hills.

Bher : an arbitrary division or allotment of a group of fields (= *khûn* and *vand*) in Jaswân and Chinor Kohâsan. Kânga S. R. (Lyall), § 31.

Bhera : a fish (*Barbus chrysopterus*). Karnâl S. R., p. 7.

Bhet : a benevolence made in cash by officials and by landholders in kind to the Rânâ at the Dîwâlî, Kuthâr. An offering made on appointment to office by a *mahr*. Bilâspur.

Bhet : the barren sloping land on a hill side. Hoshiârpur S. R., p. 69.

Bhêth, **bithlî** : the steep side or bank of a field, plateau or hill. Cf. *bhet*. Kânga Gloss.

Bhikar : clods ; *bhikkar bhândna*, to break clods with a mallet as in rice-fields. Kânga Gloss.

Bhint : mud walls. Sirsa S. R., 1883, p. 158 ; *bhint*, a wall. Sirmûr.

Bhisa : a buffalo. Bauria *argot*.

Bhiyal : a partner. Kāngra Gloss.

Bhobriya : a grass (*eleusine flagellifera*). Cf. *ganthāl*, *chīmbar* and *kharimbar*. Sirsa S. R., 1883, p. 14.

Bholra : the five small vessels full of water put out at various spots near where a well is to be dug. Karnāl S. R., 1880, p. 158.

Bhon : a small strong wheel fixed over the well, over which passes the *lāo* (a strong rope). Cf. *chāl*. Karnāl S. R., 1880, p. 161.

Bhond : a kind of black beetle destructive to sugarcane. Hoshiārpur S. R., p. 81.

Bhondo : a grant of a few *bīgas* of land rent-free for some secular service. Gurgaon S. R., 1883, p. 89.

Bhor : a servant, a dependent or attendant godling, subordinate to a *deoīd*. Simla Hills.

Bhajji : pl. vegetables.

Bhalāwā : a drug.

Bhakrain : a mallet = *bhattan*.

Bhākri : a grass (*tribulus terrestris*) having a little spiked fruit which sticks into dogs' feet very readily. Cf. *gokri*. Sirsa S. R., 1883, p. 16.

Bhambat : = *bhambat*.

Bhāndnā : to break. See under *bhīkar*.

Bhāo : a young boy, whether elder or younger : an elder brother is called *Dād*. *Dai* means an elder sister, and *chei*, a younger sister. Simla Hills.

Bhār, **bhārā**, **lāhnā**, to marry a daughter.

Bhār : a sheaf of corn. Karnāl S. R., p. 17.

Bharais : a professional guide. Hoshiārpur S. R., p. 33.

Bhārāla : an oven for warming milk. Karnāl S. R., 1880 p. 121.

Bharau : a small hut where water is kept for travellers. Kāngra Gloss.

Bharaun : a fee paid to the man who divides the grain between a proprietor and his tenant. Kāngra Gloss.

Bharokā : Cf. *bāuka*.

Bhart : *cenchrus echinatus*. Gurgaon S. R., 1883, p. 14.

Bharti : measurement entry or record. Kāngra Gloss.

Bhartiya : a metal pot in which liquids are cooked. Sirsa S. R., 1883, p. 159.

Bharwā kā pāni : the rain water let into a *pakka* well to keep its water sweet. Sirsa S. R., 1883, p. 178.

Bhāsri lagāna : to commit burglary. Ludhiana S. R., 1883, p. 150.

Bhassi : old *chhal* (land which has received a fertile deposit from a stream). Hoshiārpur S. R., p. 70.

Bhāt : wedding presents sent by the bridegroom's maternal relatives. Sirsa S. R., 1883, p. 165.

Bhatangrū : a man appointed by a *rājā*, who managed and distributed the *begār* or forced labour of a *kothī* in Sarāj. Cf. *seok*. Kāngra S. R., p. 80.

Bhāti : a giver of *bhāt*, *q. v.* ? Karnāl S. R., 1880, p. 129.

Bhāti : a rent-free grant to a Brahman. Kāngra Gloss.

Bhatona : mad, insane. Kāngra Gloss.

Bhator : a name applied to a husband instead of his real name.

Bhūmbhāi : a man who takes a share of another's land. Karnāl S. R., p. 75.

Bhūmia : the god of the homestead. Cf. *khera*. Karnāl S. R., 1880, p. 147.

Bhūmkā : *s. f.* preface.

- Bhūe; adv. loc. of *bhū*, on the ground. Cf. P. Dy., p. 145.
- Bhūhālū: a shed in which chaff, *i.e.*, *bhūsa* or *bhū*, is stored. Kāngra Gloss.
- Bhuni: a scrub (*anabasis multiflora*), Rohtak.
- Bhuja: *sāg* or greens. Kāngra Gloss.
- Bhukran: a wooden club used for crushing stiff clods of earth. Cf. *kothela* and *bhurota*, also *bhakrain* (M). Kāngra S. R., p. 29.
- Bhūndo: bad. Bauria *argot*.
- Bhūnga: a grazing-fee. Sirsa S. R., 1883, p. 302.
- Bhungeri: a kind of grain the same as *phulan*; Churah.
- Bhunje=bhunen.
- Bhūnsla: a harmless snake. Jullundur S. R., p. 12.
- Bhur: a sandy soil. Gurgaon S. R., 1883, p. 6, and Hissār S. R., p. 16.
- Bhurat: a plant which yields a poor grain for man and fodder (*cenchrus echinatus*). Rohtak.
- Bhurota: a wooden club used for crushing clods. Cf. *bhukran*.
- Bhūrt: a grass (*cenchrus echinatus*). Sirsa S. R., 1883, pp. 14 and 314.
- Bhusāri: a long low stack fenced in by cotton stems alone. Cf. *chhān*. Karnāl S. R., 1880, p. 164.
- Bhūta: (? *būta*): cobs, of maize. Cf. *kūkri*. Karnāl S. R., 1880, p. 173.
- Biāk: see *bihāk*. Cf. *sāndh*.
- Bichharnā=रना.
- Bichhla bāsa: a place half-way. Sirsa S. R., 1883, p. 169.
- Biāna: the icy wind met with on the passes at some seasons. Kāngra Gloss.
- Bida: the third day of a wedding. Karnāl S. R., 1880, p. 131.
- Bigari: rent at so much the *bigha*. Rohtak.
- Bih: a beam. Sirmūr.
- Bihāg: dawn; *bārī bihāg*, at early dawn. Kāngra Gloss.
- Bihāk, bhiyāk, baisāk or baitāk; a place where cattle sit after drinking, or in the heat of the day. Kāngra Gloss.
- Bihī: a raised place to sit on in front of a house under an overhanging roof; also called *atli*. Kāngra Gloss.
- Bihotri: a married woman. Kāngra Gloss.
- Biht: a plank. Kāngra Gloss.
- Bihul: (*grewia oppositifolia*): a tree. Hoshiārpur S. R., p. 13.
- Bij battār: recovery of seed with interest, out of the harvest heap; ordinarily it is recovered at the rate of 4 to 3 *tīrchoka*, or 5 to 4 *chapancha* on the seed actually sown. Kāngra Gloss.
- Bijar: a bull. Cf. *khaggar*. Karnāl S. R., 1880, p. 195.
- Bijhā: an owner of land, as distinguished from a tenant, *opāhū*. Kāngra S. R. (Lyall), p. 44.
- Bijna: a hand fan. Karnāl S. R., p. 10.
- Bijri: a narrow-mouthed basket for keeping small articles in. Karnāl S. R., 1880, p. 121.
- Bikanū: a cut ram over 4 years of age. See under *bhed*.
- Bikhra: rough, difficult; applied to a road or hill-side. Kāngra Gloss.
- Bil: a tree whose leaves afford fodder. Kāngra S. R. (Lyall), p. 38.
- Bil: ogle marmelos: a thorny tree. Hoshiārpur S. R., p. 13.
- Bilāra: a cat. Bauria *argot*.
- Bilrū: the head of a *gharra*, sometimes used as a measure in distribution of canal water. Kāngra Gloss.

- Bin** : coriander (*corianderum sativum*); *i. q.*, *dhania*. Kāngra S. R., p. 25.
- Bina** : the musk deer; *kustūrd* is also used. Kāngra Gloss.
- Bind** : the thick strong culms of *sarkra* (tiger grass) collectively : used for making chairs, boxes, and screens. Karnāl S. R., p. 13.
- Bindāik**, **binnāik** : a god. Gurgaon.
- Bindhnī** : a bride. Sirsa S. R., 1883, p. 166.
- Bindrī** : a mat of rice straw. Kāngra S. R., p. 44.
- Binnā** : a thick mat. See *dhak*.
- Bint** : a heap of *jharberī* bushes. Karnāl S. R., p. 12.
- Biora** : detail. Kāngra Gloss.
- Biotar** : married ; opposed to *rakhorar*, 'kept.' Kāngra S. R. (Lyll), p. 71.
- Bipdā** = **bīptā**.
- Bir** : a plot of land ; in Kāngra the ridge or border of a field. S. R. (Lyll), p. 32.
- Birbahotti** : the lady-insect. Sirsa S. R., 1883, p. 20.
- Birhdā** = **wirdhā**.
- Birhī** : a fish-hook. Kāngra Gloss.
- Birī** : the thread on each side of the leather on the spindle of a spinning-wheel.
- Birlā** : scanty, scattered ; opposed to *gannā*.
- Birni torni** : weeding the wild rice in a rice-field, or rather plucking its heads when unripe, to prevent the plant from seeding again. Kāngra Gloss.
- Birthi** : a vampire, or sorcerer who takes the shape of a leopard to devour people. Kāngra Gloss.
- Bishā** : a festival held on 1st Bisākh in Pāngī. *i. q.*, Basva, also Biswā.
- Bishtang** : the remuneration of a headman at the rate of 6 pies per rupee of land revenue. Kuthār.
- Bisk** : *bishk*, a fee paid to the bride's sister by the bridegroom for allowing him to sit down on reaching her house. Churāh.
- Bisudh** : adj. unconscious.
- Biswā** : see Basōa.
- Bitā kāmā** : a farm labourer kept by a proprietor who generally cannot plough owing to age, etc. Ludhiāna S. R., 1883, p. 129.
- Bitāunā** = **bataunā**.
- Bithlī** : the steep side of a field or hill = *bheth*.
- Biyāl** : a level grassy plain, generally on a river bank, used in Kulū and Chamba. Kāngra Gloss.
- Biyan**, **biyana** : a feast given to enable a deceased to join his ancestors used in Jāk Pangi.
- Biwāh** : a wedding. Bauria *argot*. Example, to-morrow I am going to a marriage = *wahnā min biwāhan jāhan*.
- Boali** : a fish (*wallago attu*). Karnāl S. R., p. 7.
- Boāra** : seed time. Karnāl S. R., 1880, p. 162.
- Boatitū** : a species of bamboo, found in upland villages. Kāngra S. R., p. 20.
- Bobo** : sister. Kāngra Gloss.
- Bodh** : see *badha*.
- Bohār**, **bohr** : the garret or room under the roof of a house. Kāngra Gloss.
- Bolcha**, see *pharīr*.
- Bonkrī** : a broom. Kāngra Gloss.
- Boti** : a Brahman cook.
- Bowāl** : (i) a shepherd, (ii) a measure of area, a run in which about 150 sheep can graze. Kāngra S. R. (Lyll), p. 43.

- Brabhu** : the yellow bear : in Kullû called *ratta bālu* or *ratta gāi*. Kāngra Gloss.
- Brāgh** : a leopard or panther ; *mirg* is also commonly used ; but it applies generally to all big game. Kāngra Gloss.
- Brās** : *rhododendron arboreum*. Simla S. R., 1883, p. 43.
- Briddhi** : s. f. increase, growth.
- Buāra** : a helper, one who helps a fellow-villager and gets fool, but no payment, in return. Keonthal.
- Budhi** : unirrigated land with an appearance of sand. Ludhiāna S. R., 1883, p. 94.
- Bugdi** : a variety of tobacco. Karnāl S. R., 1880, p. 191.
- Bugtari** : a long coat. Cf. *angarkha*. Sirsa S. R., 1883, p. 155.
- Būji** : a name used in addressing girls. Karnāl S. R., 1880, p. 155.
- Bujni** : a plain earring. Karnāl S. R., 1880, p. 125.
- Bukwāna** : stunted straw. Sirsa S. R., 1883, p. 282.
- Bulāhir** : a messenger. Gurgaon S. R., 1883, p. 89.
- Bulāla** : a fish (*bola goha*). Karnāl S. R., p. 7.
- Bulla marila** : cold winds from north or west which blight crops. Ludhiāna S. R., 1883, p. 125.
- Bum** : a permanent supply of spring water. Karnāl S. R., 1880, p. 159.
- Būnār, banār** : (Gādi), athickoak wood ; *barhuni*, a thick wood of the *brās* or rhododendron ; *kelar*, a cedar forest ; *khrangrela*, a thicket of snow rhododendron.
- Būndar** : broken ears of corn. Karnāl S. R., 1880, p. 173.
- Būndrāl** : matting of rice straw ; also *būndrī*.
- Būndri, būndrāl** : matting of rice straw. Kāngra Gloss.
- Bunh, bunhē** : downwards or below. *Bunh* or *jhūk jānā* is to go down. *Fita chalna* is 'keep along a hillside at the same level.' *Upridd jānā* is 'to go up.' In Kullū, *ujeh* is 'above.' Kāngra Gloss.
- Būr** : a grass (*cymbopogon iwaranchusa*). Cf. *khoi* and *kharī*. Sirsa S. R., 1883, p. 14.
- Būr** : the flower of *bājra*. Karnāl S. R., 1880, p. 187.
- Burak** : a light passing shower (Gādi). Cf. *megh*.
- Burho** : a male spirit which causes sickness. Chamba.
- Burri** : a man who follows the plough in the furrows. Cf. *māthi*. Karnāl S. R., 1880, p. 169.
- But** : stone. Kāngra.
- Butārā** : a stone-cutter, from *but*, stone. Kāngra S. R., p. 41.
- Butur** : the simplest mode of culture, by sowing the seed broadcast in its natural state. Kāngra S. R., p. 26.
- Chābar** : the cover of the stove on which milk simmers. Jullundur S. R., p. 60.
- Chachāli** : s. f. north-west.
- Chachāo** : a measure of capacity = $\frac{1}{2}$ *path* : Kāngra S. R. (Lyal), p. 32.
- Chaddot** : a plank to turn off water (Gādi) : see *pāntor*.
- Chadyāli** : a present made to a widow or divorcee's parents on her re-marriage ; ? *chhaḍna* for *chhorna* to leave or let go. Churāh.
- Chagar** : much the same as *jabar* (moist low lying land, very good for sugarcane and rice) : the principal rice-growing land. Cf. *chhamb* and *pabhan*. Hoshiārpur S. R., p. 70.
- Chagreti** : a stick by which the *chāl* (wheel) of the potter is spun. Karnāl S. R., 1880, p. 200.
- Chahil pahil** : = -bahil : jollity. P. Dy., p. 178.
- Chahn** : ill-drained low-lying land of poor quality, often water-logged. Cf. *dībar*. Hoshiārpur S. R., p. 70.

Chahora : first class rice. Hoshiarpur S. R., p. 88.

Châi chidar : or *châon-chidrâ*—(fr. *chai*, shade and *chidrâ* boring or entering)—the compound word means that some evil spirit has taken possession of some person and caused fits. Simla Hills.

Chaikan : a diver. Cf. *dabolia* and *dubkia*. Karnâl S. R., 1880, p. 159.

Châk : (1) a small strong wheel fixed over the well, over which passes the *lâo* (a strong rope). Cf. *bhôn*. Karnâl S. R., 1880, p. 161 ; (2) a broad shallow earthen pan into which boiled juice of sugarcane is put to cool. *Ibid*, p. 182.

Chakir, chekh : the line of division which divides one man's share of a field from another. Kânga Gloss.

Chakkâ : a brick or slab made of stone, deposited in foundations of a house and worshipped : it is called *wâstâ* (? *lâstâ*). Kânga.

Chakni : a sort of cover made of pottery. Karnâl S. R., 1880, p. 121.

Chakknâ : = chukkna.

Chakknâ : = chakknâ.

Chakota : a cash rent taken in a lump sum. Karnâl S. R., p. 105.

Chakpadi : a *devi* who was sneezed out by Brahma in the form of a fly. Karnâl S. R., 1880, p. 155.

Chakrat : astonished (adj. ?)

Chakru : the *chikor* partridge. Kânga Gloss.

Chalaka : a finer variety of rice, classed as *ziri* not *dhan*, syn. *ramjawain*. Rohtak.

Chaletu, chaleta : the stubble or straw of Indian corn. Kânga Gloss.

Challa : bringing or sending home a wife after marriage. Cf. *muklâwa*. Karnâl S. R., 1880, p. 133.

Challa : the duct from a *kâl* (canal), also = *aula*, *q. v.* Kânga S. R., p. 92.

Challan, *Populus cillata*, the Himalayan poplar. Simla S. R., 1883, p. 42.

Châlri, a small basket without a cover in which bread is usually placed. Simla S. R., 1883, p. 45.

Chaman : the golden pheasant; called in books the *chîr*. Kânga Gloss.

Chamb : a variety of land. Gujranwalla S. R., p. 25.

Chambal : a lever-bag. Sirsa S. R., 1883, p. 406.

Chambh : the high bank or cliff of a river. Kânga Gloss.

Chamkar : leather trousers : see *sufar*.

Chan : a house, originally applied to a roof of grass ; but in general speech applied to any dwelling house. Kânga Gloss.

Chanât, chinât : a paved road or flight of paved steps down a hill-side ; syn. *okhwâl*. Kânga Gloss.

Chândi : (adj.) silver, moonlight.

Chandna rerna : to take out and sift, as is done when grain is taken from the family store-chest preparatory to use. Kânga Gloss.

Chandri : a boil. Cf. *chandarâ*, at *P. Dy.*, p. 189 : Siâlkoṭ.

Châng : a ceremony, in which a man stands to the south of a heap of corn and goes round it towards the west, the third and first time and the reverse way the second time. Karnâl S. R., 1880 p. 178.

Changli : a two-pronged wooden hay-fork, syn. *shirmi*. Simla S. R., 1883, p. 45.

Channa : the side or side wall of a house as opposed to *pichwâra*, its back. Kânga Gloss.

Chantegu : a tenant who farms land with plough and oxen provided by the landholder. Cf. *trihâwa* and *atholâ*. Kânga S. R. Review, p. 8.

Chanun : a hole made in the border of a field to let out water above a certain depth. (Pâlam) Kânga Gloss.

Châp : the leafless thorny bushes of the *jharberi* tree. Karnâl S. R., p. 12.

Chapanchâ : see under *biṭ batîr*.

Châpla : foot and mouth disease. Cf. *monkhar*, *rorā* and *morkhar*. Ludhiāna S. R., 1883, p. 134.

Chappa mer : a game like 'pitch-and-toss,' played with rounded pieces of potsherd ; each player having two, which they throw alternately, the object being to get near a mark, and the winner appropriating little bits of potsherd which are used as counters. Sirsa S. R., 1883, p. 206.

Chapri : a small pond. Cf. *toba*. Jullundur S. R., p. 58.

Chapta : a fish very like the *mohoo*, and closely allied to it in habit : common and found all the year round, it has a habit of turning over on the surface. A small fish rarely weighing $\frac{1}{2}$ lb. Ludhiāna S. R., 1883, p. 17.

Chārā : a silver wristlet—taken off by a bride, and which no married woman can wear. Karnāl S. R., 1880, p. 128.

Chara : stepping-stones in a stream ; also called *peindi*. Kāngra Gloss.

Charak chundi : a game which is a combination of the 'whirl-go-round and see-saw' ; a bent stick is balanced on an upright post stuck firmly in the ground, a boy gets on each end and they are whirled round by a third. Sirsa S. R., 1883, p. 206.

Charāl : a kind of pulse, only cultivated in poor alluvial lands. Hoshiārpur S. R., p. 78.

Charanghāl : lit. 'washing feet' : an initiatory ceremony consisting in washing one or both of the initiator's big toes and drinking the water. Jullundur S. R., p. 51.

Charāndh : grazing ground. Kāngra Gloss.

Charetar : a fuel yard or place where the stock of fire-wood is piled up. Kāngra Gloss.

Chāri : a staff. Simla Hills.

Chāro : antelope. Sirsa S. R., 1883, p. 124.

Charoli : a round bamboo wicker tray deepening towards the middle. Kāngra Gloss.

Charoliya : a stile in the hedge of a field, called *langāna* elsewhere. (Nūrpur). Kāngra Gloss.

Charrara : a gelded goat—see under *bakri*.

Charwi : a large pot. Sirmūr Trans-Girf.

Chatra : a cook-room on either side of the *tamsāl* (open yard in a house). Karnāl S. R., 1880, p. 120.

Chatrā : a small basket, holding about 8 *seers*, no cover : Simla S. R., 1883, p. 66.

Chatri : an open basket, syn. *pirktu*. Simla S. R., 1883, p. 46.

Chatru : a colt : Lāhul. Kāngra S. R. (Lyll), p. 111.

Chatt : a stone or wooden trough for cattle to drink out of. Kāngra Gloss.

Chatur : = -ar.

Chaubacha : a mode of distributing the produce of land. Hissār S. R., p. 10.

Chaubārā : central room. Sirmūr.

Chaudān vidyā : the 14 kinds of knowledge (all that is to be known).

Chaugandi : four times the sum of the seed corn, in Bangāhal. Cf. *panchgandi*. Kāngra S. R. (Lyll), p. 32.

Chatera : a muzzle made of *nīgāl* or *nargāl*. Simla S. R., 1883, p. 45.

Chatti : a basket holding about 2 *seers*. Simla S. R., 1883, p. 46.

Chauk : a yard in a private house, separated from the streets by a wall, and in which the cattle are tied up in cattlesheds, and the women sit and spin. Karnāl S. R., 1880, p. 120.

Chaukhat : door frame. Sirmūr.

Chauki bharnā : the form of worshipping Sultān (Sakhī Sarwar) by sleeping on the ground. Hoshiārpur S. R., p. 33.

Chaulāi : seeds of the cockscomb ; the cockscomb (*Amaranthus polygonus*). Karnāl S. R., 1880, p. 157.

Chauntra : a square platform, either large or small.

Chaupāl : a guest-house. Cf. *hathāi*. Sirsa S. R., 1883, p. 176.

- Chauri**: a yak's tail. It is waved over a chief, a *deota*, or at a bridegroom's ceremony. **Chauri-kâ-deo**, a chief *deota*, e.g., Koī Ishwar in Kumhârsain, as being the Râṇā's family god.
- Chauri**: a fresh plastered ground on which the Brahman at a wedding makes a square enclosure of flour, and on it puts sand and sacred fire of *dhâle* wood, *ghî*, sugar, and sesame: Cf. *bedi*. Karnāl S. R., 1880, p. 130.
- Chautâl**: a way of selling sugar. It is equal to 3 times 44 country seers. Hoshiârpur S. R., p. 99.
- Cheb**: a turf used to stop a gap in the bank of field, canal, &c. Kāngra Gloss.
- Chechar**: fallow and arable waste land. Cf. *perowly*. Ludhiāna S. R., 1883, p. 167.
- Chei**: a younger sister: see under *bhâo*.
- Cekh**: see *chakir*.
- Chela**: *banahâta*, *gur-chele*, *dharmi*, *dangaria*, or = Râ. Cf. Râ-deo in Malāna? = *banahâta*, q v.
- Cheli**: 2nd morning meal. Keonthal.
- Cheli**: *cheili*, a kid—see under *bakri*.
- Cheori**: wife (Sarāj), see *lâri*.
- Chershi**: (from *chîn*—'three') any dues collected every third year. Simla Hills.
- Chetra**: rupees. Ludhiāna S. R., 1883, p. 150.
- Chetri**: cotton sown in March. Hoshiârpur S. R., p. 87.
- Cheunta**: a goad, usually made of *restûsh* and *labair*: Simla S. R., 1883, p. 45.
- Chhâbu**: part of a pent roof. Sirmûr.
- Chhahkâ**: a disease of cattle in which the body is inflamed and insensibility ensues; *chhahkâ* also appears to be an insect which is said to cause this disease. Gurgaon.
- Chikri**: a small hoe. Simla S. R., 1883, p. 45.

(To be continued.)

MISCELLANEA.

THE JOINT AUTHORSHIP OF THE
KÂVYAPRAKÂSHA.

We find, at the end of the *Kâvyaprakâsha* of Mammata, a verse which has been interpreted in two ways.¹ Upon this verse Râjânaka Ânanda says that Mammata wrote as far as the figure *Parikara* in the tenth *Ullâsa* and that the rest was finished by Alapa,² Mânikyachandra, Sarasvatî-tîrtha and many others say the same. Dr. Stein says: "In order to complete the case for Alapa as the name of the continuator of the *Kâvyaprakâsha* it suffices for me to point out that this form of the name is the only one known to the tradition of the Kāśmīrian Pandits, to whom the double authorship of the *Kâvyaprakâsha* is otherwise perfectly familiar." (Quoted by Col Jacob in J. R. A. S., for 1897, p. 282). Many MSS. read Alaka for Alapa. That Alapa (or Alaka) had something to do with the *Kâvyaprakâsha* receives striking confirmation from a comparatively early writer. Arjunavarmadeva, who is 13th in the order of succession from Bhôja Paramâra and whose inscriptions have been found with dates ranging from A. D. 1211 to 1216, while commenting upon the *Amarusataka* twice refers to the double authorship of the *Kâvyaprakâsha*.

On page 29 (of the *Kâvyamâlâ* edition of the *Amarusataka*), he says: "*Yath-odâhṛitâṁ Dôshanirṇaye Mammata-Alakâbhyâm—'Prasâde vartasva &c.'*" On p. 55, while commenting upon verse 72, in which the expression '*vâyuṁ dadati*' occurs, he points out that some regard that the employment of the word *vâyu* gives rise to the fault called *Asîlla*; and then he remarks that both the authors of the *Kâvyaprakâsha*, who were favoured by the Goddess of speech, generally exhibit a spirit of fault-finding.³ The *Doshas* (faults or blemishes) of *Kâvyâ* are dwelt upon in the 7th *Ullâsa* of the *Kâvyaprakâsha*. Arjunavarmadeva's words lead us to infer that Alaka had a hand not only in the tenth *Ullâsa*, as said by Ânanda, but also in the 7th. This, I believe, is a valuable piece of information, coming as it does from a writer who flourished about a hundred years after the composition of the *Kâvyaprakâsha*. Another point that deserves notice is that in the short period of about a hundred years after Mammata, tradition credited him with being the special favourite of the Goddess of speech.

P. V. KANÉ.

BOMBAY.

¹ *Ity-ekha mārgē vidushāṁ vibhinnaṁ Spyabhinnarāpāḥ pratibhāsatē yat | na tad-vichitraṁ yad-amutra samyag-vimirmīṭā sanghātanaiva hetuḥ ||*

² *Kṛitāḥ Śrī-Mammatachāryavarjāḥ Parikarādvadhīḥ | prabandhāḥ pṛitāḥ śeṣhē vidhāy = Alapasūriṇāḥ ||*

³ *Kim tu Hlādāikamāyā-vara-labdhā-prasādāu Kâvyaprakâsha-kārau prāyēṇa doshadṛishṭāḥ.*

ORIGIN AND DECLINE OF BUDDHISM AND JAINISM IN SOUTHERN INDIA.

BY K. V. SUBRAHMANYA AIYAR, B.A., OOTACAMUND.

IF the Singhalese Chronicle, *Mahāvamsa*, could be relied upon, as I think it should be, for the reason that it is not a production of a later age but was a compilation from the accounts preserved by contemporary writers, the first invasion of Ceylon was undertaken by a prince of the Sākya race, and that he is reported to have entered the island on the very day of the *nirvāṇa* of Buddha¹. Northern India was just then undergoing a mighty change from the existing system of religious belief, and this, we might safely presume, was not brought about all on a sudden, but was the work of years, if not of centuries. It is on record, and we can well give credence to it, that Buddha, after formulating his new faith, went on preaching and converting the people for a number of years before he attained *nirvāṇa*. The Sākya race, to which Buddha belonged, could not have been slow to adopt his tenets, and as such, we can reasonably expect Vijaya, who was also a Sākya by birth, to have carried to Ceylon the new belief and the stirring teachings of the reformer. Vijaya's followers, who could not have been few, as they are reported to have conquered the island by overcoming the Yakshas by whom Ceylon was peopled, may thus be regarded to have shared in the canons of Gautama's new faith along with their leader. It is, therefore, plain that the tenets of Buddhism were known in the island of Ceylon long before the creed spread completely in Northern India and propagated elsewhere. It is believed that till the time of Aśōka, Buddhism did not gain much ground. The missionary efforts of the Maurya emperor contributed not a little to the spread of Buddhism in countries in and out of India. We may say that the several kingdoms of Southern India did not share in the belief of Gautama's faith for a long time, as it does not appear to have extended even throughout the Hindustan during the life-time of its founder. For aught we know, no direct influence was brought to bear upon the several provinces in the Dekkan till the time of Aśōka.

But Buddhism could not have been unknown in the Dekkan, especially in the Pāṇḍya country, long before Aśōka. That there was free communication between this country and Ceylon can fairly be conjectured from the proximity of the two, separated only by a small gulf. In this connection the story of Vijaya's advent into the island, as told in the *Mahāvamsa*, is worth consideration. Vijaya, the son of Sihabāhu, the ruler of Lāṭa (Lāṭa in Gujarāt), and born of the princess of Kaliṅga, became lawless and was sent over the sea. He landed in Tāmbapaṇṇi, i.e., the island of Laṅkā amidst Yakshas and Yakshiṇīs, its original inhabitants. With the help of Kuvēṇi, a Yakshiṇī, Vijaya defeated the reigning king Kālasēna and his followers. The goddess of the island was Kālī. Colonised by the family of Sihala, the island was named Simhala. Vijaya married a daughter of the Pāṇḍava (Pāṇḍya) king of Southern Madhurā having driven away the Yakshiṇī wife who was subsequently put to death by one of the Yakshas who regarded her as a spy. Vijaya was sending every year a rich tribute to the Pāṇḍya sovereign. This story of Vijaya, shorn of the mythical veil that environs it, means that Vijaya was a powerful invader from Northern India; that he, with the aid of one of the most powerful natives of the island, learnt the weakness of the king of Ceylon, made friends with the neighbouring Pāṇḍya sovereign, on payment of an annual tribute, and by taking to wife one of his daughters colonised Laṅkā with a large number of followers. As the *Mahāvamsa* states that along with the Pāṇḍya princess a large number of ladies of that country were sent to serve as wives of the followers of Vijaya, we may regard the colony as a joint colony of Sākya men and Pāṇḍya women. This early account shows that Ceylon was known to the Pāṇḍyas, and that

¹ The probability of Vijaya being a contemporary of Buddha is also indicated by the fact that Pāṇḍuvāsudēva, the nephew of the former, married a daughter of the cousin of Buddha. It cannot be contended on this account that the contemporaneity of Buddha and Vijaya is established beyond question, especially as there are discrepancies in the chronology of the *Mahāvamsa*. But there are sufficient grounds to raise the presumption that Vijaya is not far removed in point of time from Buddha.

their people frequented it in the 5th century B. C. Is it too much then to expect that Buddhism was at least known, if not adopted, by the people of the Pāṇḍya country as the new faith appears to have been carried into Ceylon by Vijaya and his followers?

The person, who is expressly credited in the *Mahāvamsā* with having introduced Buddhism in Ceylon, is Tissa, the second son of Mūṭhisiva. On account of his piety he appears to have been known by the name of Dēvānāmpiya Tissa, just as his contemporary Aśoka was known in the north. At the request of Tissa, his maternal uncle Mahā-Ariṣṭa, one of the greatest statesmen of the day, as the book puts it, went on a mission to the court of the Maurya emperor for fetching a branch of the Bôdhi tree and the sister (*thérī*) Saṅghamittā, both of which objects he successfully performed in the 18th year of the reign of Aśoka. As Tissa had previously promised to allow Ariṣṭa to become a Buddhist monk, the latter assumed the yellow robes soon after his return from Pāṭaliputra. For a clear account of the interesting events connected with the arrival of Saṅghamittā in Ceylon by way of the sea, reference may be made to the *Mahāvamsā*. The mysterious way in which Māhinda² is said to have arrived in the island is incredible, and it is not unlikely that he accompanied his sister. If Aśoka and Tissa stand forth prominently as the royal propagators of Gautama's creed, Māhinda and Ariṣṭa were the chief priests with whose aid they seem to have effected much to spread the faith in the south. The hills dedicated to Māhinda and Ariṣṭa in Ceylon bear ample testimony to the exalted position held by the two saints. Sūra Tissa (247—237 B.C.), one of the brothers of Dēvānāmpiya Tissa, is said to have built superb *vihāras* at many places, of which one called Laṅka-vihāra was at the foot of the Ariṣṭa mountains. Not satisfied with the preaching in Ceylon, the two saints are expressly stated to have gone abroad to make fresh converts. We may, with advantage, quote the passage under reference. It runs thus :—"The five principal *theras* who had accompanied Māhinda from Jambudīpa, as well as those of whom Ariṣṭa was the principal, and in like manner the thousands of sanctified priests, all natives of Laṅka and inclusive of Saṅghamittā, the twelve *thérīs* who came from Jambudīpa, and the many thousands of pious priestesses, all natives of Laṅka, all these profoundly learned and infinitely wise personages having spread abroad the light of the Vinaya and other branches of faith, in due course of nature, at subsequent periods, submitted to the lot of mortality."

There is nothing to doubt the statement here quoted. The first country that the missionaries from Ceylon could have visited is the Pāṇḍya territory with which, as we have already pointed out, the Singhalese were well acquainted and even connected by marriage ties. We shall now see if there is anything in the Pāṇḍya country to bear testimony to our view.

Since the discovery of a cavern with Brāhmī inscriptions at Marugāltalai in the Tinnevely district by Mr. Chadwick, I have discovered several similar ones with lithic records of the 3rd century B.C., all in the Madurā district.³ Four of these are at a place called Ariṣṭapaṭṭi in the Mēlūr tāluka, one on the Ānaimalai hills near the insignificant village of Nāraṅgaṅgam which may be characterised as an ancient Jaina settlement; one on the hill at Tirupparaṅḡṇam, behind the village *chāvaḍi*, opposite the railway station; another at Aḷagarmalai and still another at Ammaṅmalai, which last I was misled to believe to be Koṅgar-Puḷiyaṅḡḷam where I learnt there was a Buddhist cavern and which was accordingly termed by me as such. Koṅgar-Puḷiyaṅḡḷam was subsequently found to contain another similar monument, and this proves that my information was not incorrect.

More of these caverns were found, one at Mēṭṭuppaṭṭi by Rai Bahadur V. Venkayya, another at Varichchiyūr by Mr. Vibert and a third at Kīḷavaḷavu by Mr. Venkoba Rao. These monuments are the oldest that the Pāṇḍya country contains, or, for the matter of that, the oldest in Southern India. For a complete description of these caverns reference

² Māhinda is said to have flown through the air from the dominions of the Maurya emperor to Ceylon.

³ They are noticed in the *Annual Reports* of the Assistant Archaeological Superintendent for 1906-7, 1907-8 and 1908-9, under "Earliest Lithic Monuments of the Tamil Country."

may be made to Mr. Venkayya's remarks on them in the *Annual Report* on Epigraphy for 1908. As regards the position of one and all of them, Mr. Griffith's excellent note that seclusion from the world and the active business of life was obviously the first essential of the saintly life of Buddhism, as of all ascetic forms of religion, and that the originators of the caves seem to have been influenced not only in the choice of the site, but also by a keen appreciation of natural beauty, and that all the caves are superbly placed with an obvious selection of a noble outlook and perfect seclusion from the world,⁴ are well applicable. That during the time of the Chinese pilgrim Fa Hian, caves were resorted to in India by Buddhist monks is evident from his statement that "three *li* before you reach the top of Mount Gridhrakūṭa there is a cavern in the rocks facing the south in which Buddha sat in meditation; thirty paces to the north-west there is another where Ānanda was sitting in meditation when the Dēva, Māra-Pisuna, having assumed the form of a vulture took his place in front of the cavern and frightened the disciple; going on still to the west they found the cavern called Sṛitapara, the place where after the *nirvāṇa* of Buddha 500 *arhats* collected the *sūtras*."⁵ The Buddhist priests of later years than the time of the great founder appear to have followed the same practice, and the hands of the devotees developed the rude natural caves into habitable dwellings befitting their residents. Whether they were primarily designed as the provision for the annual "retreat" initiated by Buddha when it was ordained that the monks were to keep *vassa* and refrain from peregrination during the rains, or were intended to give a cool resort during the hot season, cannot now be easily determined. Besides being watertight, convenient for human habitation and far above any possible accident from the rains and floods of the monsoon, to this day they are agreeably cool even in the hottest weather. The doubt raised in the first part of the passage quoted here, whether the caverns were designed for the annual "retreat" or were intended to give a cool resort, can be cleared from the reply which Māhinda gave to Tissa when the latter requested the saint to halt in the beautiful garden adjoining his capital on a certain night. The statement⁶ of the *thēra* shows that the Buddhist monks were prohibited by the rules of their order to stay even in the immediate proximity of cities or villages, and it also accounts in a way for the necessity for the caverns.

In the general forms of these, *viz.*, one boulder overhanging another, a flat one on which it rests at one extremity, in the cutting of the projecting rock to a certain depth in order to prevent the rain water from gliding into the cavern, in the existence on the bottom boulder (1) of smoothly chiselled beds with a slightly raised portion for the head, just sufficient for a man to lie down, (2) of the groove immediately in the outer fringe of the cave quite below the cutting on the upper rock for carrying away the dripping of the rain water to a distance, (3) of big holes cut on the open yard intended perhaps for fixing poles or railings, and (4) of a number of smaller holes for other works of protection—in all these details the caverns of the Pāṇḍya country resemble those in Ceylon, which are assuredly Buddhistic in their character. As Ariṣṭa and his followers, together with Māhinda and several others, are reported in the *Mahāvamsa* to have gone abroad to propagate the Buddha religion, and as several caverns are found in the vicinity of a place called Ariṣṭapaṭṭi (the village of Ariṣṭa), it might be presumed that this place was the first settlement of the Singhalese apostle Ariṣṭa of the 3rd century B.C. Whatever might have been the origin of Buddhism in other parts of the Dekkan, it was in all probability introduced into the Pāṇḍya territory from Ceylon, mostly after the 18th year of the reign of Aśoka. It is also likely that even in earlier times Buddhist influence was felt in the Pāṇḍya country, as its people appear to have had frequent communication and even marriage connection with the early colonisers of Ceylon in the 5th century B.C.

⁴ Ajanta Paintings by Mr. Griffith, Introduction.

⁵ *Ibid.*

⁶ *Mahāvamsa*, Wijesinha's translation, p. 54.

We shall now note the evidences relating to the influence of Gautama's faith in other parts of southern India. According to the Chinese pilgrim, Hiuen Tsiang, who visited India in the middle of the 7th century A.D., and who in about A.D. 640 was at Conjeeveram, which he describes as the capital of the Drâviḍa kingdom, Kāñchī is as old as Buddha, Buddha converted its people, Dharmapāla was born there, and Aśoka built several *stūpas* in its neighbourhood. He declares that the Jainas were very numerous in his day, and that Buddhism and Brāhmaṇism were about on a par.⁷ It might be that the pilgrim has simply recorded what the people had to say regarding the origin of Buddhism in the place; but as representing the belief or tradition of the 7th century A.D., the account is very valuable. We are not in a position to test the correctness of that part of his statement which connects Buddha with Kāñchī. It is not improbable that Aśoka built *stūpas* near that city. Among the countries to which this Maurya emperor sent missionaries, are mentioned Mahishamaṇḍala, Vanavāsi, Aparānta and Mahārāṭṭa.⁸ These are either partially or wholly in the Dekkan. Mahishamaṇḍala is identical with the modern Mysore State. It is called in ancient Tamiḻ literature *Erumaṭṭūr*, a term which appears to be an exact rendering of the Sanskrit Mahishamaṇḍala. Vanavāsi was the capital of the Kadambas, and we know that their kingdom was on the borders of that of the Pallavas. Mahārāṭṭa or Mahārāshṭra perhaps included some districts round Poona, and Aparānta contained the dominion of Koṅkaṇ whose southern position must have embraced several districts of the Dekkan on the west coast. In his *Bṛiḥatsaṃhitā*, Varāhamihira locates the Aparāntakas in the western division and Vanavāsi in the southern. It may be noted that Buddhism counted followers in Koṅkaṇ till a very late period. The rock edict of Aśoka discovered at Siddāpura in the Mysore State proves that there is no exaggeration in the reported mission to that place. We cannot determine whether *stūpas* were erected at Kāñchī as stated by Hiuen Tsiang, but it may be presumed that the influence of the Maurya emperor's missionaries to Mahishamaṇḍala and Vanavāsi was felt at Kāñchī. This being the case, we are naturally inclined to look for monuments of the description we find in the Pāṇḍya country in other parts of the Dekkan. Strange to say they are totally absent both in the Chōḷa and the Pallava dominions.⁹ Perhaps future researches may bring to light some of them. The Tamiḻ poem *Maṇimēgalai* refers to a large Buddhist monastery at Kāvrippūmpaṭṭiṇam, the ancient capital of the Chōḷas. When that city was destroyed by the sea, the people are said to have removed themselves in a body to Kāñchī, where also there were several monks of high order and some Buddhist temples. Two Chōḷa sovereigns named Toḍukaḷaṅkiḷi and Tuṇaiyīḷaṅkiḷi are mentioned in the book just referred to, as the builders of a Buddhist *chaitya* (*śēḍi*) at Conjeeveram.

Two celebrated Buddhist monasteries, the Pūrvaśilā and the Aparāśilā *Śaṅghārāmas* at Dhanyakataḷa (*To no ku tsia kia*) i. e., Amarāvati, are mentioned by Hiuen Tsiang.¹⁰ All through his route the pilgrim was shown an abundance of Buddhist monasteries. Some of them were in a flourishing condition while others showed signs of decay. It may be noted that this Chinese traveller has referred to another monastery named *Polomolokilī* built by *So to po ho*.¹¹ The correct rendering of these two names seems to be Paramarakkhita and Sātavāhana. The names Rakkhita, Mahārakkhita and Dhammarakkhita occur very often among the early missionaries of the Buddhās,¹² and it is not unlikely that the monastery referred to by the pilgrim was called after one of Aśoka's apostles sent to propagate the faith in Mahishamaṇḍala, Vanavāsi and Aparāntaka. If this be the

⁷ Mr. Sewall's *Lists of Antiquities*, Vol. I., p. 176.

⁸ *Mahāvamsa*, p. 46.

⁹ In the South Arcot and Trichinopoly districts, similar caverns with stone beds and steps cut on the rock are reported to exist. The steps provide for an approach to the cavern. As there are no lithic records, it is not possible to say when they came into existence. Neither is it easy to determine if originally they were the abodes of Buddhist or Jaina monks. That Jainism counted numerous followers in the South Arcot district is clear from the references in the Tamiḻ *Dēvāram*. It is said that Palghaut was once a flourishing Buddhist centre, but the truth of this statement remains yet to be verified.

¹⁰ Above, Vol. VII., p. 6, footnote 5.

¹¹ *Ibid.* p. 4, footnote 4.

¹² *Mahāvamsa*, p. 46.

case, it also suggests where we should look for the monument. We know that the powerful kings of the Śātavāhana dynasty flourished at the commencement of the 2nd century B. C. and advocated the Bauddha faith. To their exertions we owe one of the most exquisite and elaborate works of art, *viz.*, the Amarāvati *Stūpa*. The Āndhra kings of the Śātavāhana line held sway over several parts of the Dekkan such as Dhānyakāṭaka in Krishnā, Chitaldrug and Shimogā in Mysore and Kolhapur, Paiṭhaṇ, *etc.*, on the western side, where their coins and inscriptions have been traced.^{12a} It is, therefore, reasonable to expect that under the Śātavāhanas, who were ardent Buddhists, Buddhism gained ground in those parts of southern India which had acknowledged their rule. Something about the state of Buddhism in the south is also found in the writings of Fa Hian the predecessor of Hiuen Tsiang by three centuries. Though he himself did not visit the Dekkan, he has recorded what he probably gathered from his enquiries. His interesting note on the splendid rock-cut monastery of five storeys with 1,500 cells,¹³ situated 200 *yājanas* to the south of Benares, shows what stronghold the religion of Gautama had on the people of the Dekkan. Rev. Mr. Foulkes writing on this says :—"There seem to be some considerations in Fa Hian's description which lead to the conclusion that the king of the country or some previous ruler or rulers of this kingdom was a patron of Buddhism, if not himself a Buddhist. It is scarcely probable that a colossal work of art, like Fa Hian's rock-cut monastery, could have been undertaken by any one but a powerful, rich and prosperous king; or rather considering the time which such a work would require for its completion, by a succession of such kings. And it is similarly improbable that a costly and everlasting monument of this description would have been so undertaken, unless the king or kings had religious convictions in harmony with the object for which such a magnificent building was constructed."¹⁴

It is thus evident that at a certain epoch there were Buddhists throughout the Dekkan. What contributed to the spread of that religion in the south, besides the missionary efforts of the Maurya emperor, Aśoka, and the Singhalese king, Tissa, of the 3rd century B. C., was probably the migration of the Pallavas and the Guptas from their northern homes, which took place in the early centuries of the Christian era. That the early members of the Pallava dynasty could have been Buddhists might be inferred to a certain extent from the fact that they had Aśōkavarman among their mythical ancestors. One of the Chōla kings named Kiṭṭi, who married the Nāga princess, Pṭilivaḷai, the daughter of Vaḷaivaṇaṇ, appears to have been a Buddhist, as he is reported to have been hearing the discourses of a Buddhist priest at Kāñchī. The account given in the *Maṇimēgalai*, regarding the fortunes of the child born to this Nāga princess, coincides with what is regarded of Toṇḍaimān Iḷandiraiyan, the earliest ancestor of the Pallava kings. It is not unlikely that there were several kings in the Chōla and Pāṇḍya country, who professed the religion of Gautama, but all their names have not come down to us.

We must not omit to mention the probability of there having been Jaina influence side by side with that of Buddhism. As Sir Alexander Cunningham puts it, both these sects were branches of one stock. Dr. Hamilton and Major Delamain have proved that Gautama of the Jainas and of the Bauddhas is the same personage. As Gautama of the Jainas has left no disciples, it has been correctly presumed by these writers that 'Gautama's followers constitute the sect of Buddha with tenets in many respects analogous to those of the Jainas or followers of Sudharma, but with a mythology or fabulous history of deified saints quite different. Both have adopted the Hindu pantheon or assembly of subordinate deities; both disdain the authority of the Vēdas, and both elevate their pre-eminent saints to divine supremacy. To show that the canons of belief of the Jainas and Bauddhas are in several respects identical, and that the gods of the former are represented

^{12a} *Imperial Gazetteer of India*, Vol. X., p. 291 and Vol. XV., p. 357.

¹³ Above, Vol. VII., p. 2, footnote 2, quoted from Beal's translation.

¹⁴ *Ibid*, pp. 3 and 4.

in almost the same way as Gautama Buddha, we have no less an authority than the Chinese pilgrim Hiuen Tsiang of the seventh century A. D. He says:—"The Jainas have built a temple of the Gods. The sectaries, that frequent it, submit themselves to strict austerity, day and night they manifest the most ardent zeal without taking an instant's rest. The law that has been set forth by the founder of this sect has been largely appropriated from the Buddhist books on which it is guided in establishing its precepts and rules. The more aged of the sectaries bear the name of Bhikshus; the younger they call *Chamis* (Sramaṇa). In their observances and religious exercises, they follow almost entirely the rule of the Sramaṇas. The statue of their divine master resembles by a sort of usurpation that of *ju lai* (the Tathāgatha); it only differs in costume; its marks of beauty (*Mahāpurusha-lakṣhaṇāni*) are exactly the same."¹⁵ This passage, from the writings of the Chinese traveller, clearly shows that the two sects of the Jainas and the Bauddhas should be regarded as branches of one and the same. Curiously enough the Singhalese Buddhists recognise twenty-four Buddhas prior to Gautama, and this number is exactly the same as that of the Tīrthamkaras of the Jainas. Here, then, is an additional ground for the belief that the Gautama of the Jainas and of the Bauddhas is the same person. As there is very little difference between the two sects, and as Buddha himself appears to have been the disciple of the Jaina Mahāvīra, it can be easily gathered that the two faiths flourished side by side for centuries, some people professing to be the followers of Gautama Buddha, while others adhered to the original Jaina creed.¹⁶

The Maurya emperor Chandragupta is believed to have spent the latter part of his life in southern India, having settled himself at Sravaṇa Belgola in the Mysore State. He is said to have accompanied the great Jaina teacher Bhadrabāhu, whose disciple he was, in his migration to the Dekkan. Bhadrabāhu with a number of followers went to the Pun-nāḍu country, where he died. Though the account of Chandragupta's settlement in the Mysore territory cannot be asserted authoritatively yet it may be noted that the story receives some strength from the discovery of the rock-cut edict of Aśoka at Siddhāpura alluded to above. The edict establishes beyond question that the dominion of the Mauryas extended so far south. At the end of the 2nd century A. D., the Jaina priest Simhanandi settled himself in another part of Mysore. The princes Daḍiga and Mādava, belonging to the solar race, are said to have followed this priest, and ruled the kingdom whose capital was Kōlāla (see page 9, Mysore and Coorg in the *Imperial Gazetteer* Volumes.)

Though the names of those kings who adopted Buddhism in southern India has not come down to us, we have on record that many of those were Jainas. Some of the kings of the Pallavas of Kāñchi, and a few of those of the Pāṇḍya country, not to say of the western Chālukyas, the Gaṅgas and Rāshtrakūṭas, were staunch Jainas, and one or two even went the length of persecuting other religionists—a very rare thing in Indian history. It is this attitude in the rulers that appears to have been one of the causes for the application of the destructive axe at the root of these religions. We know from the inscriptions of the western Chālukya kings, Pulakēśin II., Vijayāditya and Vikramāditya II., that they favoured the Jaina faith by executing repairs to temples and granting villages to them.¹⁷ The Pallava king, Mahēndravarmān, was an avowed Jaina in the earlier part of his reign. The early kings of the Rāshtrakūṭas were Jainas, and the records of Amoghavarsha I., dated in Saka years 765, 775 and 799, register provisions made for Buddhist communities by his feudatories¹⁸; but the king himself was a Jaina king, a disciple of the famous teacher Jinasēna.

The spread of the Jaina faith in southern India belongs in no small measure to Samantabhadra, who is said to have visited Kāñchi, to Akalaṅka who is credited with having defeated several Buddhists in disputation, to Vidyānanda and Maṇikyananda, whose contributions to Jaina literature, like those of their two predecessors, are not few; to Prabhāchandra, the pupil of Akalaṅka, who appears to have lived prior to A.D. 750; to Jinasēna, the preceptor of the Rāshtrakūṭa king

¹⁵ *Ibid.*, Vol. II., p. 16.

¹⁶ The views expressed in this paragraph will hardly be countenanced by the scholars of the present day.—D. B. B.

¹⁷ *Bombay Gazetteer*, Vol. I., Part II., p. 191.

¹⁸ *Ibid.*, pp. 404—405.

Amoghavarsha I, and to his pupil Gaṇabhadra, contemporary of Kṛishṇa II.¹⁹ Maṇḍalapurnsha, the disciple of Gaṇabhadra is the author of the Tamil metrical dictionary (*niṅaṇḍu*) compiled about the 9th century A.D. Several purely Jaina works in Tamil are preserved to this day and they show that at a certain period Jaina influence was very strong in southern India. Among these may be mentioned *Jivakachintāmaṇi*, *Chūlāmaṇi*, *Mahāpurāṇam* and *Mērumandirapurāṇam* and the like. Contributions to general Tamil literature by Jaina authors are also not rare.

One of the most powerful Jaina teachers celebrated in Jivakachintāmaṇi is Ajjaṇandi. Inscriptions of his have been found in the Mēlūr, Periyakuḷam, Palni and Madurā tālukas of the Madurā district, and indicate the extent of territory over which his influence was felt. According to one of these records Guṇamatiyār was his mother's name²⁰. At the time of the Saiva saint, Nānasam-banda, there were several Jaina teachers, and their names are preserved in one of his hymns on Tiruvālavāy,²¹ where it is also said that Āṇaimalai (6 miles from Madurā) was one of the several places of Jaina settlements. The names mentioned in the hymn are Sandusēna, Indusēna, Dharmasēna, Kandusēna, Kanakanandi, Puṭṭanandi, Pavaṇanandi, Sunaganandi and Guṇaganandi.

Inscriptions²² found in the Pāṇḍya country show that Kuṇṇḍi-Ashtōpavāsi was a famous Jaina priest who had for his disciples Kanakanandi, Guṇasēna, Māgaṇandi and Ariṭṭanēmi. Two records make Kanakanandi the disciple of Kuṇṇḍi Ashtōpavāsi. Three generations of pupils of Kanaka are noticed in a Kīlakkuḍi inscription,²³ and they are Abhinandana-Bhaṭāra I, Arimaṇḍala-Bhaṭāra, and Abhinandana-Bhaṭāra II. The second disciple Guṇasēna's pupils²⁴ were Ariṭṭanmāsēna, Kaṇḍaṇ-Porpaṭṭaṇ, Araiyaṅgāvidi, Kanakavīra-Periyaḍigaḷ and Vardhamāna-Paṇḍita. The disciple of the last mentioned individual was Guṇasēna-Periyaḍigaḷ. We have not yet known if Māgaṇandi and Ariṭṭanēmi, the other disciples of Kuṇṇḍi-Ashtōpavāsi, had left any followers. The names of the other Jaina priests mentioned in inscriptions are:—Sāntavīra, pupil of Guṇavīra, who renewed the images of Pārēva-Paḍārar (Pārēvanātha) and the Yakshis in the Aivarmalai Cave in Śaka 792 (= A.D. 870)²⁵; Puvvaṇandikuratti, the female pupil of Paṭṭinakuratti²⁶; Indrasēna, Mallisēna, Tīṇaikkāttār, Dharmadēvāchārya, pupil of Kanakachandra-Paṇḍita, Ilaiyapaḍārar and Chandranandi-āchārya.²⁷ Jainas seem to have prospered well in the North Arcot, South Arcot, Madurā and Tinnevely districts and in the Mysore State, where we find a number of temples of Jaina Tirthamkaras and the names of Jaina monks in charge of them. *Periyapurāṇam* alludes to the destruction of several structural monuments of the Jainas at Cuddalore by the Pallava king Mahēndravarmaṇ, who, it is said, built a shrine to Śiva at Tinuvadi.

Favoured and nurtured by the south Indian kings, Buddhism and Jainism appear to have had a career of prosperity for a few centuries, along with the Saiva and Vaiṣṇava forms of Hindu religion. Buddhism appears to have received the first check in its growth from the hands of the Jaina teachers, who seem to have been numerous in the 7th, 8th and 9th centuries. Both Tamil and Sanskrit literature clearly point to the triumph of the Jainas over the Bauddhas. If Samantabhadra and Akalaṅka stand forth as the vanquishers of the Buddhists in one part of the country,

¹⁹ Pp. 407—408 of the *Bombay Gazetteer*, Vol. I, Part II.

²⁰ No. 64 of the Madras Epigraphical Collection for 1910. Two distinguished Buddhist teachers name Guṇamati and Sthiramati are reported to have flourished in the 6th Century A. D., at Vallabhi in the Surāshṭr country (Mr. V. A. Smith's *Early History of India*, p. 272).

²¹ Tiruvālavāy is Madurā.

²² Nos. 61, 62 and 68 of the Madras Epigraphical Collection for 1910.

²³ No. 68 of the same collection.

²⁴ Nos. 65, 66 and 69 of the same and 330 of the Collection for 1908.

²⁵ This took place in the reign of the Pāṇḍya king Varaguṇa-Varmaṇ (see No. 705 of the Epigraphical Collection for 1905.)

²⁶ Nos. 67 to 74, 691 and 699 of the Madras Epigraphical Collection for 1905 and Nos. 238 and 239 of 1904.

²⁷ Nos. 239 and 367 of the Collection for 1904 and 67 to 74 of 1905.

we have clear references in ancient Tamil works of the same period, or a little later, to the disputations between the Jainas and Buddhists in other parts of the Dekkan, with varying results. But without proper leaders and with the withdrawal of the royal support, Buddhism seems to have declined gradually after the 7th and 8th centuries A. D. The few that still adhered to it met with further discomfiture at the hands of the Śaiva and Vaiṣṇava reformers. The disappearance of Buddhism in southern India is unparalleled in the history of any country or time.

It now remains to trace out the causes that led to the decline of Jainism. At this remote age it is not possible to put down chronologically all the forces that worked for the removal of this sect from the country. So far as southern India is concerned, our aim shall be to collect the evidence bearing on the subject, and in this direction we shall have to refer to the literature of the country, that being the main source of getting any reliable information on the point.

There are evidences here to show that corruptions had gradually crept into the two creeds by their contact with people of various customs and methods. Its original purity seems to have been tainted in the course of years by the introduction of undesirable changes which necessarily called forth vehement denunciation. At first, missionary agencies were resorted to for expounding the tenets of the religions and for showing the superiority of the principles inculcated in them. When men embraced the faiths, they did so not out of any compulsion, but from an open conviction. The later followers, not content with the number coming into their fold, seem to have thirsted after conversion; and they appear to have done it by the application of unwarranted influences, such as persecution through officers of State. Number, not faith, seems to have been their aim. Accordingly, people groaned under oppression and looked forward for the appearance of able supporters of their cause, who would not only defend them but expose to the world the inconsistency between the life led by the oppressors and the belief to which they adhered. Time calling forth, produced men of the stamp of Nānasambanda, Tirunāvukkarāṣu (Appar) and Sundara among the Śaivites, Nammālvār, Madhurakavi and Tirumaṅgai among the Vaiṣṇavites, the great *advaita* philosopher Saṃkarācārya and Mānikkavāchagar. These men were of no mean merit. Their works show that they were all scholars with wide sympathy for their followers, and of undaunted spirit and high learning, pre-eminently fitted to be the leaders of their community.

The brightest period in Tamil literature is what belongs to the 8th century A. D. and the latter half of the 7th, enriched as it is with thousands of stirring hymns uttered without the slightest effort by a number of men of saintly character, who by their piety and good works are deified as *avatāras* of celestial beings at the present day, in this land of hero-worship. Their utterances soon acquired sacredness, and provisions were accordingly made by the Dravidian kings for singing their hymns in temples.²⁸ The practice continues to this day, and does not fail to move the heart of the hearers. The appearance of even one of them would have been sufficient to revolutionise the land. What a world of effect the joint efforts of no less than eight of them produced, all in the course of a century and a half, can better be imagined than described. The age of Appar and Nānasambanda is indicated by the fact that their contemporary, Siṟuttonḍa, was the general of the Pallava king who conquered Vātāpi (Bādāmi in the Bombay Presidency). Inscriptions attribute this feat to Narasimhavarman I. (A. D. 648). Tamil works say that Appar lived to a considerably old age, and that the Pallava king of his time, giving ear to the evil counsel of his Jaina adherents, is said to have persecuted at first the saint when he reverted to the Śaiva creed²⁹; but the credit of having converted that Pallava sovereign belongs to no other. This was Mahēndravarmaṇ, son of Narasim-

²⁸ One of the inscriptions of the Chōla king Rājārāja, I (A. D. 985-1013), found at Tiruvilimilalai and several others traced in other places, provide for the singing of the *Tiruppādiyam* hymns in temples. An epigraph discovered at Elavānāśūr in the South Arcot district registers grants made for the recital of Mānikkavāchagar's celebrated song *Tiruvāchāla*.

²⁹ Some of the hymns of Appar relate his sufferings at the hands of the Jainas and the Pallava king.

havarman I. He is known to have been a Jsina in the earlier part of his reign, and to have adopted Saivism at the end.²⁹ Thus, one of the most powerful kings of southern India felt the overpowering influence of the times.

The marvellous fame of the comparatively young saint Nānasambanda was established in the land by his converting the Pāṇḍya king of the day, Kūṇ-Pāṇḍya or Sundara-Pāṇḍya, an uncompromising Jaina, and by his completely vanquishing the foremost leaders of the Jaina faith in religious discussions. Thus, both in the Pallava and the Pāṇḍya countries, where Jainism was rife, the kings were turned Saivites and the leaders of the latter creed did their utmost to show their religion to the best advantage.

Later in point of time was Sundaramūrti-Nāyaṇār. Invited by the Chēra king Sēramāṇ-Perumāḷ-Nāyaṇār, he visited Tiruvaṇjaikkaḷam (Oranganore on the west coast) which was the capital of the Chēras and several other places in the Kongu country. He is said to have enjoyed the friendship of the three kings of the south, *viz.*, the Chēra, Chōla and the Pāṇḍya. In company with them, Sundaramūrti visited a few places of southern India.

Soon after the three saints, appeared Māṇikkavāchagar³¹ and Saṁkarāchārya. The former was a minister of the Pāṇḍya king. He is said to have defeated the Buddhists in controversy at Chidambaram, but it may be noted that the advocates of the Buddha faith came from Ceylon for the purpose of holding the disputation. Saṁkarāchārya was born in Malabar, but his energies were directed chiefly to northern India. Kumārilabhaṭṭa, a learned Brāhmaṇ of Bêrār, is said to have confuted the Buddhists of the west coast.³²

The time of the three Āḷvārs has been definitely made out.³³ They belonged to the latter half of the 8th century A. D. and seem to have held high position in life. What Nānasambanda and Appar are to the Saivites, Nammālvār and Tirumaṅgai are to the Vaishṇavites of the south. The hymns composed by them are equally stirring. Madhurakavi was the minister of the Pāṇḍya king Neḍuṇjaḍaiyan and Nammālvār was the magistrate of the town of Āḷvār-Tirunagari in the Tinnevely district. It is easy to conceive the amount of influence they might have brought to bear on the people.

The conversion of the Pallava and the Pāṇḍya kings by Appar and Nānasambanda, respectively, seems to have dealt a fatal blow to the Jaina faith in the Tamiḷ country. It will be admitted on all hands that State patronage in any scale whatsoever favours the growth of art or religion, and the withdrawal of it must necessarily tell on their advancement. As the Chōla king of that period was a Hindu, the whole of the Tamiḷ country professed Hinduism at the time.

Under the circumstances narrated above, it is quite unreasonable to expect that other sects would thrive in such a soil. Besides the royal conversions, the saints attended by thousands of followers performed tours to places of pilgrimage which were distributed throughout the Dekkan, sung hymns and expounded the greatness of the Hindu religion. If it is also remembered that Appar, Nānasambanda and Saṁkara and a few of the Āḷvārs had established *maṭhas* in various

²⁹ Mahēndravarman excavated the beautiful rock-cut cave of Śiva on the Trichinopoly hill.

³¹ Opinions differ as regards the date of Māṇikkavāchagar. While some place him in the 9th century A. D., others think that he must have flourished long prior to the three Dēvāram hymnists.

³² Madras Manual of Administration, Vol. I., p. 76. [I wonder whether there is better evidence for this than that of a mere tradition.—D. R. B.]

³³ Tirumaṅgai-Āḷvār was the latest of the three Vaishṇava saints. In his hymns, he mentions two Pallava kings, *viz.*, Nandivarman Pallavamalla and Vayiramēgan and describes the military achievements of the former. If the saint was a contemporary of Nandivarman Pallavamalla and of Vayiramēgan, he must belong to the latter half of the 8th century A. D. *Kōyilōḷuḡu* states that Madhurakavi set up an image of Nammālvār at Tirunagari, and that the three Āḷvārs were contemporaries. The proper names of Nammālvār and Madhurakavi suggest that the former must have been the father of the latter. As Madhurakavi appears to have died some time prior to A. D. 769-70, if Tirumaṅgai was his contemporary, there is every likelihood of the latter having lived in the reign of Nandivarman Pallavamalla.

parts of the country to continue the work begun by them, it will be readily conceded that there was not much scope for Jainism or Buddhism to gain ground in southern India. The fact that Saṃkarāchārya, though born in the south, mostly worked in the north, might perhaps be taken to show that already during his time the two heretical faiths were on the high road to decline in the Dekkan by the loss of the hold they had on the Dravidian kings.

The *maṭhas* already alluded to are a living institution in southern India, even at the present day. Those of the *advaita* philosophy are found in many a place; and three or four of them have succession lists of their pontiffs, dating back to the originator—and living representatives of great ability and vast learning. At present there is a *maṭha* of Saṃkarāchārya in the Mysore territory with Srīngēri as his headquarters and another at Śivagaṅga in the same province. A third extends its spiritual sway over the ancient Pallava and Chōḷa dominions with its seat at Kumbhakōṇam. Nānasambanda's *maṭhas* are also found in several towns. Those found at Dharmapuri, Tiruppattūr and Tiruvāḍuturai are perhaps reminiscences of the *maṭhas* originated by one or the other of the three Śaiva saints. While Hinduism made such rapid strides with powerful exponents, the two other creeds, having lost royal support and without proper votaries to advance their cause, seem to have died a natural death in the course of a few years after the 9th century A. D., except in Mysore.

The longevity of these sects in the Kanarese country was rather great as the kings of that place, *viz.*, the Western Chālukyas and the Hoysaḷas, seem to have fostered them till a late period. The extirpation of the Jainas in this tract of land is in a measure due to the rise of the Liṅgāyat or Viśaiva creed in the 12th century A. D. Two of the foremost leaders of this sect were Baśava and Chenna-Baśava. An account of their triumphant disputations with the Jainas is found in the Baśava-purāṇa. The king, who supported their cause, was the Western Chālukya Jayasīṃha II, who is said to have been converted to the Śaiva faith by his wife's spiritual *guru*, Dēvaradāsa. This person is also credited with having defeated the Jainas in disputation. The most powerful advocate of the Liṅgāyat sect was a certain Ekānta Rāmāyā. About this time Rāmānuja, one of the ablest Vaiṣṇava reformers, who lived at the end of the 11th and the earlier part of the 12th centuries A. D., converted the Hoysaḷa king, Bīṭṭi of Dvārasamudra, to Vaiṣṇavism, stayed for a number of years in Mysore and performed a tour of pilgrimage. These were briefly some of the causes that led to the decline of Jainism in the Kanarese country.

In this paper, I have attempted to show that Buddhism was in all probability known in the Pāṇḍya country a few centuries prior to the time of Aśōka, but that during the reign of the Siṅghalese king, Tissa, it counted several followers there, through the efforts of Ariṭṭa and those who accompanied him; that Buddhism was introduced in several other parts of the Dekkan from northern India by the missionary influence of Aśōka; furthered by the Gupta or Śātavāhana and Pallava migration in the 1st century A. D., it gradually spread throughout southern India; that Jainism also dated back to the same period; that the votaries of the latter creed put a permanent barrier to the growth of the former in the 7th and 8th centuries; that the rise of the Śaiva saints, the Vaiṣṇava Ālvārs, the *advaita* philosopher, Saṃkarāchārya, and Māṇikkavāchagar and their peregrinations throughout the Dekkan, the establishment of the *maṭhas* by almost all of them which continue their work even to the present day, effectively removed the two religions from southern India in the course of a few years after the 9th century A. D.; and that Jainism continued for three more centuries in Mysore and was stamped out by the Liṅgāyat rising and the advent of Rāmānuja in the 12th century A. D.

TRIVIKRAMA AND HIS FOLLOWERS.

BY BHATTANATHA SVAMIN, VIZAGAPATAM.

THE Prākṛit grammars most familiar to the pandits of South India are the *Prākṛitaprakāśa* of Vararuchi and the grammars of Trivikrama school. Of these the pandits give preference to the latter as they treat of six dialects, whereas the former treats of only four. Before proceeding to consider the appropriateness of their giving preference to the latter, I mean to give a short account of the chief works of the latter school.

The well-known works of Trivikrama's school are :—

I. Trivikrama's *Vṛitti*, the first *Adhyāya* of which was published in the *Granthapradarsin* of Vizagapatam.

II. *Prākṛita-Manidīpa* of Appayya Dikshita. A portion of the work was published in the said *Granthapradarsin*.

III. *Shadbhāshāchandrikā* of Cherukūri Lakshmīdhara. It is printed in Telugu characters in Mysore, and is now being published in the Bombay Sanskrit and Prākṛit series.

IV. *Prākṛitarūpavatāra* of Siṃgharāja, son of Samudrabandhayajvan. It is published by the Royal Asiatic Society of Great Britain and Ireland (Prize Publication, Vol. I).

These four works comment on the same *Sūtras*, the last three changin their original sequence and the first without that change. Some attribute these *Sūtras* to Vālmīki, while others to Trivikrama. But let us now consider the opinions of some of the notable men, past and present.

Lakshmīdhara, the author of *Shadbhāshāchandrikā*, attributes them to Vālmīki in the following verse :—

vāg-devī jananī yeshāṃ vālmīkir=mūla-sūtrakṛit |
bhāshā-prayogā jñeyās=te shad-bhāshā-chandrik-ādhvanā ||

Prof. Hultsch, after indulging himself in a discussion covering two pages, thinks at the end that his own interpretation of the following verse is far-fetched, but adds : " At any rate, I hope to have proved that the *Sūtra* to which Trivikrama alludes was the Vālmīki *Sūtra*, and that he was the author of *Vṛitti* alone, but not of the *Sūtra* itself."

prākṛita-padārtha-sārtha-prāptyai nija-sūtramārgam-anujigamishatām |
vṛittir-yathārthasiddhīyai trivikramenāgama-kramat-kṛiyate ||

Here *nija* means *sva*. If not, we shall have to attribute, on a similar ground, *Kārikāvalī* to another writer and not to Viśvanāthapañchānana, for he also says : *nija-nirmita-kārikāvalīm*. But Prof. Hultsch says that Trivikrama, being a southerner, might have used the word in the sense "proper, real or true." But I could find no Indian poet using the word in that sense; and I think that no number of references to Dravidian dictionaries will support his position for no Sanskrit poet as a rule uses a Dravidian word in his composition either separately or in compounds.

Moreover, Prof. Hultsch refers to the words *adhika-māsa* and *nija-māsa* of a year to his support. Evidently, the Professor is under the wrong impression that *nija* in the latter word means "real." Far from this being the case, it means, again as I say, "its own." *Nija-māsa* means the "year's own month," while *adhika-māsa* means an extra or inserted month. Thus the evidence of a poor *pañchāṅgam* (Panjika) also goes against him. Therefore, wherever it may occur, the word *nija* is always synonymous with *sva*, in Sanskrit. Thus the word *nija* alone, which cannot but mean "his own," stands as a great authority to prove that Trivikrama was the author of *Sūtras* as well as *Vṛitti*.

Again, Prof. Pischel is said to have interpreted the verse in two different ways, taking the word *nija* to mean "their own" or "his own," and referring it to the genitive *anujigamishatām* and to the instrumental *Trivikrameṇa*. I suspect if Prof. Pischel himself understood his own first interpretation.

I do not risk to stand on the strength of the authority of this *nija* only, however strong it may be, as the learned Editor has done, but give some other reasons equally strong to prove my statement that Trivikrama alone and not Vālmiki is the author of the *Sūtras*. In the following *śloka*, which is found at the end of *Trivikrama-vṛitti* :—

sapratyaya-prakṛiti-siddham=adīrgha-sūtram
satkāraṇaṁ bahuvīdha-kriyam=āptadeśyam ।
śabdānuśāsanam=idaṁ pragaṇa-prayogaṁ
trivikramaṁ japata mantram=iv=ārtha-siddhyai ॥

how can *adīrghasūtram* be a compliment to his work if the *sūtras* were not his own? Moreover, Trivikrama says that he is composing the *Sūtras* himself in the following *śloka* :

deśyam=ārshaṁ cha rūḍhatvāt svatantratvāccha bhūyasā ।
lakṣhma nūpekshate tasya saṁpradāyo hi bodhakaḥ ॥
prakṛiteḥ saṁskṛitāt sādhyamānāt siddhāccha=cha yad-bhavit ।
prākṛitasya=asya lakṣhy-ānurodhi lakṣhma prachakṣmahe ॥

Here the verb in the first person (*prachakṣmahe*) clearly states that the author of the *Sūtras* is the author of the *Vṛitti*. Again, it has been pointed out by the late S. P. S. Baṭṭanāthāchārya Āryavaraguru that the *Sūtras* in Trivikrama's order (their original sequence) form *ślokas* in *Āryā*, and, in a few cases, in *Anuṣṭubh* metre. It is only for the metrical construction the author had to change the old *paribhāṣā*, and create a new one in some cases. The following will convince us regarding the metrical construction of these *Sūtras* :

siddhīr-lokācch chā, nuktamanyāśubdānuśāsanavat,
saṁjñā pratyādhāramayī vā, sup-svādir-antyaḥalā,
ho hrasvo, dir-āirghaḥ, śasasādhuh, saḥ samāsa, ādih kṣuh,
go ganaparo, dvitīyaḥ phuh, saṁyuktṁ stu, tu vikulpe "
"lata-tiptāvichech, siphās sesī mir-mibītau, ihijhau
ntinte ire, dhadhvam-itthādhachau momuma masmaññ."

Thus it is clearly seen that the attribution of the authorship of the *Sūtras* to Vālmiki is unfounded; as the ancient poets, like Vālmiki and Vyāsa, were not familiar with the metre, *Āryā*, and no instance of such a metre occurs in their well-known epics. Evidently Prof. Hultzsch seems to have been led away by the tradition given in Prof. Raṅgāchārya's *Madras Catalogue* (page 1083, No. 1548) attributing the *Sūtras* to Vālmiki. The author of *Shadbhāṣāchandrīkā* seems to have originated the tradition—for before him no poet attributed these *Sūtras* to Vālmiki—having observed somewhere the reading—evidently a wrong one—*prāchetasa-hemachandrādya* for the original *prāchyair-ā-hemachandram-āchāryaiḥ*.

So I am of opinion that Trivikrama was the author of the *Sūtras*, and agree with Prof. Pischel, in so far that Trivikrama drafted the text in accordance with Hemachandra's grammar. But Trivikrama made some improvements on Hemachandra. He uses the well-known *saṁjñās* of Pāṇini, all through, except in a few cases where the metrical construction did not allow. And these new *saṁjñās* here and there were explained by the author himself and also by Prof. Hultzsch in his preface to *Prākṛita-rūpavātāra*.

The adoption of Pāṇini's *saṁjñās* made his *Sūtras* more concise, and the metrical construction of these *Sūtras*, which has been referred to before, enables the students to memorise them more easily than the isolated ones of Hemachandra.

Another difference between Trivikrama and Hemachandra is that the former, unlike the latter, classified and divided his work into three *adhyāyas* or twelve *pādas*. In the *Vṛitti*, which is also closely allied to that of Hemachandra, Trivikrama gives also the Sanskrit equivalents of the Prākṛit quotations, and he criticises Hemachandra in some places (See I, ii., 5; I, iv., 79). Moreover, Trivikrama includes *deśī* words in his grammar, deriving a great many of them from Sanskrit. The aphorisms *vāpūyādyāḥ*, *gahidīdyāḥ*, &c., are composed specially for this purpose. This derivation of *deśī* words from Sanskrit is at least interesting to modern philologists, although they do not completely accept the view.

Trivikrama was a follower of the Jaina religion, as is evident from the opening verses of his *Vṛitti* which invokes *Śrī-Vīra*, and it is also stated therein that he was the pupil of Arhanandi Traividya-deva, and belonged to Vāṇasakula. He was the son of Mallinātha and Lakshmi and grandson of Ādityāśarman or Ādityavarman. Trivikrama had a brother Soma, who was said to be a great scholar in prosody. He may be identified with the author of the same name, who wrote a commentary on *Vṛitta-ratnāṅkarā* (cf. *Catalogus Catalogorum*, Vol. I., p. 597). As to his time, Prof. Hultsch says: "The time of Trivikrama can be settled only within rather wide limits. He quotes Hemachandra, who lived in the 12th century, and he is quoted in the *Ratnāṇḍya* of Kumārasvāmin, who belonged to the 15th or 16th century. Consequently Trivikrama has to be assigned to about the 13th, 14th or the 15th century." But I am of opinion that Trivikrama must be assigned to a date before A. D. 1400, for Trivikrama's aphorisms were quoted by Kāṭayavema in his commentary on *Sākuntala*. Kāṭayavema was the brother-in-law of Kumāragirirāja, who composed his *Vasantarājiya* about A. D. 1400 (*Ep. Ind.*, Vol. IV., p. 327). Again, it will be shown below that Simharāja, the author of the *Prākṛita-rūpavātāra*, another gloss on the *Sūtras* of Trivikrama, must have lived about the year A. D. 1300. So we may say that Trivikrama flourished about, or before, the middle of the 13th century.

In some manuscripts of Trivikrama, *va* and *ba* are interchanged, and Lakshmidhara justifies him by saying *vabayor=abhedah*. This fact, I think, is incompatible with the view that Trivikrama was a southerner, and creates a suspicion in me whether he might not be a northerner. But Mr. R. Narasimhachariar, of the Archæological Department, Mysore, says (in a letter to my brother): "Trivikrama appears to have been a native of Southern India, judging from the names of his father (Mallinātha) and brother (Rāma). He was most probably a Digambara, as he mentions Arhanandi as his *guru*. Arhanandi occurs in several inscriptions at Sravaṇ Belgōla, which is a celebrated Digambara place of pilgrimage." But I fear that the names Mallinātha and Rāma (or Soma) may not prove the author to be a southerner, for we hear of such names as Mallishena in the north as well; and if Trivikrama were a Digambara would he refer to Hemachandra as an *Āchārya*, who was of the Svetāmbara sect? And it seems that there were more Arhanandins than one, for we hear of an Arhanandin in the 10th century A. D. (*Ep. Ind.*, Vol. VII, pp. 177-192).

II.

Now let us consider the second work *Prākṛita-maṇidīpa*. In the following verse, which is the eleventh of the opening ones, the author Appayya Dīkshita pretends to attribute the work to Chinabommabhūpa.

anugrahād=brāhmaṇa-puṅgavānām-avāpiaviḍyaś=chinabommabhūpaḥ |
karoty=anum prākṛita-ratnādīpam mand-ānīla-spanda-nibhair=vachobhiḥ ||

But the colophon clearly states that the author was not Chinabommabhûpa, but Appayya Dikshita, and it runs as follows:—

“ *chokkanâtha-bhûpâla-priyasachiva* *china-bommabhûpa-hîlaya-kamala-kûhara-viharamâna-îrî-sûmbasîva-preritena appayya-dîkshitenâ krite* ”

So it appears that Appayya Dikshita promised Chinabommabhûpa to publish the work under his name, perhaps accepting some remuneration, and not finding his nature reconcilable to the idea, he inserted his own name at the end. In his *Dîkshitacharita*, Sivânandayogin says that Appayya Dikshita was born in 1554. It is evident from page 149 of the second volume of “Oriental Historical Manuscripts,” translated by W. Taylor, that Appayya Dikshita was the contemporary of Muttutirumalai Nâyakar, king of Madurâ, and was invited by the latter to his court in 1626. We do not hear of him any more after that date.

Chinabommabhûpâla, therefore, must have belonged to the same period, being, as he was, the contemporary of Appayya Dikshita; and Appayya Dikshita says in the colophon that Chinabommabhûpa was the minister of Chokkanâtha (the lord of southern ocean) and Prof. Hultzsch identifies him with either of the two Nâyakas of Madura, who bore that name.

At the request of the same Chinabommabhûpa, Appayya Dikshita wrote a commentary on the *Nîlakanthabhâshya* and named it *Sivârka-manîdîpikâ*. Prof. Hultzsch thinks that this Chinabommabhûpa should be distinguished from the Chinabommabhûpâla, who was said to be the author of *Prâkrîta-manîdîpa* at the beginning of the work. But I see no reason why the two should not be identical.

We also learn from *Prâkrîta-manîdîpa* that Appayya Dikshita wrote three more works on Trivikrama's aphorisms: *Vârtika*, *arṇava* and the *bhâshya*. The *vârtikas*, quoted in the present work, might have belonged to his first work. References to *bhâshya* are found throughout the work. The whole matter of the work, including that of the *vârtikas*, etc., is contained in Trivikrama's work. But it is doubtful whether the reverse is true. The present author refers to *Pushpavanânâtha* as a Prâkrîta grammarian. But we know nothing as to his time or his works. This, as well as the two following authors, shape the Prâkrîta words cited by them according to the *Sûtras*, but do not apply the *Sûtras* to forms already existing in the language. This shows that they are not good masters of the language and they depended entirely on the *Sûtras*.

III.

Coming to the third work, *Shadbhâshâ-chandrikâ*, which is the most popular of the set, the author, Lakshmidhara, was a Telugu Brâhman of Kâśyapagotra and Rîgvedin. He belonged to the Oherukûri family. He is quoted in Appayya Dikshita's *Prâkrîta-manîdîpa*, and he quotes Singabhûpâla's *Rûpaka-paribhâshâ*, a chapter of *Rasârṇava-sudhâkara*. This Râvu Sarvajña Singamabhûpa was an ancestor of the present prince of Venkatagiri and flourished in A. D. 1330.

Lakshmidhara also wrote a few other works. His commentary on the *Gîta-Govinda* is entitled *Srutirâñjanî*. It is evident from this work that he commented on *Prasanna-Râghava*. The late Prof. Seshagiri Sâstriar, taking into consideration only the latter fact, says: “The drama *Prasannarâghava* was composed in the early part of the 16th century, and the commentator, Lakshmidhara, must belong to a later period.” But since Appayya Dikshita quotes the commentator, both authors must be assigned a date prior to that of Appayya Dikshita. Lakshmidhara after a time became a *sanyâsin*, and wrote a commentary on *Anarghya-Râghava* called *Ishîârtha-kalpavallî*.

The following few lines of Prof. Hultzsch from his third report are very important, and it will not be out of place to quote them here: "The *Srutirāñjanī*, a commentary on *Gītagovindā* is ascribed to Tirumalarāja I of the third Vizianagara dynasty. The Tanjore Palace Library contains two copies of the same commentary, one of which (No. 6672) has the same beginning as our manuscript (No. 2112), while the second (No. 6671) professes to have been composed by Lakshmaṇasūri, a worshipper of Dakṣiṇāmūrti, and younger brother of Koṇḍubhaṭṭa of Cherukūru. He was evidently the actual author, and Tirumalarāja his patron. Lakshmaṇasūri is identical with Lakṣmīdhara, the author of *Shaḍbhāshāchandrīkā*." We know from certain inscriptions that Tirumalarāja was reigning until 1574 or 1577. His reign begins from 1565 or 1568. But *Srutirāñjanī* seems to have been written in the reign of his brother Rāmarāja (1541-1565). Lakṣmīdhara, who was his contemporary, must have belonged to the same period and composed *Shaḍbhāshāchandrīkā* in Appayya Dikṣita's youth or a little before him.

IV.

One more work remains, and that is *Prākṛita-rūpāvatāra*. The name suggests that the work might have been composed as an appendix to Dharmakīrti's Sanskrit *Rūpāvatāra*.

As Trivikrama's authorship of the *Shaḍbhāshāśūtras* has been proved above by me beyond all doubt, it seems evident that Siṃharāja, the author of the *Rūpāvatāra*, must have belonged to a later date, and as such, might have made use of Trivikrama's work. Prof. Hultzsch after expressing his despair at the impossibility of fixing Siṃharāja's date from external evidence, proceeds to fix it from internal evidence, and says, "Siṃharāja mentions the Eastern (*pūrvavyākaraṇa-prakriyayā tak sak kvib-iti vyavahārah* XII, 42) Kaumara and Pāṇiniya grammars." This interpretation of *pūrvā* as "eastern" does not reflect favourably upon Oriental scholars.

But, I think, Siṃharāja's date can be fixed more easily in another way. Siṃharāja's father was Samudrabandhayajvan and he refers to Ravivarmadeva, author of *Pradyumnābhūdaya* as his contemporary. Mr. T. Gaṇapati Sāstrin, in his preface to *Pradyumnābhūdaya*, asserts on the authority of three inscriptions that Ravivarmadeva was born in A. D. 1265. Siṃharāja, therefore, must have belonged to the last few years of the 13th and the early years of the 14th century.

The last three authors, unlike Trivikrama, were Hindus, though they preferred to comment upon the work of a Jaina. These authors seem to have no clear conception of the difference between the two schools of Prākṛit grammar, Brahmanic and Jaina. This misconception, which arose very early, was the cause of the groundless attribution of the *Sūtras* to Vālmiki. In the same way, two other Hindu pandits have written in accordance with Hemachandra's grammar, viz., Seshakṛishṇa, author of the *Prākṛita-chandrīkā*, and Hṛishikeśa-sāstrin. This is the cause of the preference which the present pandits of our land give to this school. But none of these books apply to Prākṛit forms found in the Sanskrit dramas, *Gāthāsaptasatī*, *Setubandha*, and other works. The other set of grammars, including *Prākṛita-prakāśa*, with its many commentaries, *Prākṛita-kalpataru* of Rāma Tarkavāgīśa, *Samkshiptaasāra* of Kramādīśvara, *Prākṛita-sarvasva* of Mārkaṇḍeya, &c., only is concerned with them. So this latter set of grammars is more important for practical purposes, and claims greater attention than the others.

So in order to understand the structure of the Prākṛit found in Āryan or Sanskrit works, we must have recourse to the latter set, leaving the other one, which is concerned only with the Jaina works written in their peculiar Prākṛit. So I wish the old order soon changes, giving place to the new.

THE DATE OF MADURAIKKANCHI AND ITS HERO.

BY K. V. SUBRAHMANYA AIYAR, B.A., OOTACAMUND.

Maduraikkāñchi is one of the collection of ten stanzas or idylls which goes by the name of Pattuppāṭṭu¹. The authors of these idylls are popularly regarded as belonging to the learned academy (*śāṅgam*) of Tamil poets of Madura, and the work is, therefore, classed among the productions of that body of eminent scholars. This is gathered from the verse which mentions Pattupāṭṭu along with others of its kind.

The peculiar feature of this collection is that the stanzas contained in it are completely void of poetical embellishments, and display but little of the imaginativeness of the authors. Like the writings of the foreign travellers and ambassadors such as Fa Hian, Hsien Tsiang, Megasthenes, Al Beruni and Nuniz, the poem under reference contains minute observations on the state of the country; the tribes and races by whom it was peopled; their ways, manners and customs; the various professions and occupations of the people; their religious rights, festivities, sports and pastimes; the products and manufactures of the territory; the chief imports and exports; the works of fortification raised by the ancient Dravidian kings round their capital cities against the attacks of enemies; the procedure adopted by them in war; the strength of their forces and such other interesting facts. It is thus an invaluable guide to the history of the times to which it relates.

The poem, like the rest of the collection, is written in chaste and high class Tamil. The author of it was Mānguḍi Marudaṇār.² Evidently Marudaṇār was his name and Mānguḍi was the place whence he hailed. This place is perhaps identical with the village of the same name in the Tanjore district³. It may be noted that Marudaṇār figures in the list of 49 posts of the last *śāṅgam* whose names are preserved in the *Tiruva-Uvāmālai*.

The poem is ably annotated by the veteran Tamil scholar, Nachchiṇārkkiniyār.⁴ The time of both the author and the commentator is not indicated anywhere in their writings; but there is not the slightest doubt that the latter lived at a considerably later period, while the former could have almost been the contemporary of the king, in whose praise he composed the poem.

Maduraikkāñchi was sung in honour of the Pāṇḍya king Neduñjeliyan, whose military exploits it records. He gained a victory at Talaiyālaṅgāṇam against two great kings and five chiefs.⁵ He is also said to have captured Nellūr. Among the king's ancestors are mentioned Vaḍimbālambaninra Pāṇḍiyan⁶ and Palyāgaśālai-Muḍukumi Pēruvalūdi.⁷ The latter of these is considered to have won lasting fame by his adherence to men learned in ancient lore, whose wise counsel he always sought and followed, and by the performance of Vēdic sacrifices.

¹ The names of the ten idylls are contained in the stanza :

Murugu Poruṇāṅgu Pān-iraṇḍu Mullai
Perugu-vaḷa-Maduraikkāñchi—Maruv-iṇṇiya
Kōla-Nedunālūḍai Kōl-Kuṇṇi Paṭṭiṇa
Ppōlai Kaḍattoḍum pattu.

² That Marudaṇār of Mānguḍi composed the poem is learnt from the note added at the end of the commentary of Nachchiṇārkkiniyār. It is worthy of note that Mānguḍi has supplied one of the flourishing sects of Tamil Brāhmaṇas of Southern India.

³ This village is near Ayyampet Railway Station of the S. I. R.

⁴ He appears to have been a resident of Madura and to have belonged to the Bhāradvāja-gōtra.

⁵ Southern India appears to have been divided into three great dominions, viz., those of the Chēra, the Chōla and the Pāṇḍya. Five smaller principalities also existed. They were ruled by the Tidiya, the Irūṅḍōḷḷmān, the Poruman, the Erumaiyūran and the Eḷini.

⁶ This king is not mentioned by name in the poem, but it is the commentator that gives it.

⁷ This sovereign is also mentioned by other authors. The title *Palyāgaśālai*, assumed by him, shows that already during his time, which must be placed about the 6th century A. D., Vēdic sacrifices were largely performed in Southern India.

The ancient Tamil literature of southern India, contained in such valuable works as *Puranānūru*, *Pattuppāṭṭu*, *Ṭṛaiyaṇār Agapporuḷ*, the commentary on the last, *etc.*, which mention a number of kings and their military achievements, clearly points out that the three great kingdoms of the Dekkan, *viz.*, the Chēra, the Chōḷa and the Pāṇḍya appear to have been at feud with one another and the extent of their dominions varied from time to time. When one of these powers was in the ascendant, the other two seem to have held insignificant positions. At the time when the Pāṇḍya king Neḍuñjeliyaṇ was holding the reins of government, his territory extended over a considerable portion of southern India. Tiruppati on the north, the two seas on the east and the west and Cape Comorin (*Kumari*) in the south formed the boundaries of his kingdom.⁸ If this boundary is correctly given, the territories of the Chēra and the Chōḷa ought to have been very limited. There are reasons to suppose that the Chōḷas confined themselves to the Cuddapah and a few of the Telugu districts. It is not unlikely that the Chōḷas of this period are represented by those kings whose names are traced in the Telugu country.⁹ They might even have been the allies of the Pallavas.¹⁰

The poet Marudanaṇṇar does not mention the names of the Chēra and the Chōḷa kings with whom the Pāṇḍya Neḍuñjeliyaṇ fought at Talaiyālaṅgāṇam. But it is not difficult to trace them. Some of the verses¹¹ of *Puranānūru*, an equally trustworthy work, are sung in praise of the Chēra king Yāṇaikkaṭchēy-Māṇlarañchēral-Irumborai, who was the lord of the Kolli Mountains, who rescued the village of Viḷaṅgil, and ruled the Toṇḍi port. He is said to have been captured by the Pāṇḍya king Talaiyālaṅgāṇattu-Sēruvenṇa-Neḍuñjeliyaṇ, and was subsequently set at liberty. His (yāṇaikkaṇ) Chōḷa contemporary was Rājasūyamvēṭṭa Perunaṅkiḷli with whom he is said to have fought a battle. The Chēra king of the time was Sēramān Māvenkō.¹² Thus the two kings defeated by Neḍuñjeliyaṇ at Talaiyālaṅgāṇam appear to be the Chēra Māvenkō and Yāṇaikkaṭchēy and the Chōḷa Rājasūyamvēṭṭa Perunaṅkiḷli. Another Pāṇḍya king of the same period was Kāṇappēr-Eyil-kaḍanda Ugra-Peruvalūdi, who is considered as one of the Pāṇḍya kings of the last *śaṅgam*.¹³ If this Ugra-Pāṇḍya is different from Neḍuñjeliyaṇ of Talaiyālaṅgāṇam fame, he must have been his immediate successor.

There is not much doubt as to Neḍuñjeliyaṇ being a historical personage. The Siṅṇamaṇṇur copper-plate charter,¹⁴ before it begins to give the genealogy of the Pāṇḍyas and the events connected with some of them, mentions the achievements of their ancestors. Some of them are fictitious, but there is no doubt that a few others are credible facts. These are the defeat of the two kings at Talaiyālaṅgāṇam, the establishment of the academy of Tamil poets, and the translation of the *Bhārata*. The Vēlvikuḍi grant,¹⁵ which is much earlier than the Siṅṇamaṇṇur plates, preserves the name of Palyāgaśālai Mudukuḍumi-Peruvalūdi. From the way in which he is here spoken of, it appears that he was the last of a line of the Pāṇḍyas. The Kaḷabhras are said to have occupied Madura for a time, and the honour of getting back the kingdom rested with Kaḍuṅgōṇ. This name again is not unfamiliar to students of Tamil literature. We know that the first *śaṅgam* ended in his reign. The Vēlvikuḍi grant furnishes the names of seven kings from Kaḍuṅgōṇ, the last of them being Jaṭilavarmaṇ. The identity of this king with Parāntaka Śaḍaiyaṇ, in whose reign the rock-cut temple of Narasiṃha-Perumāḷ in the Ānaimalai hill was excavated, is apparent from the fact that both the records mention Madhurakavi as the minister of the Pāṇḍya sovereign. The date

⁸ The northern boundary is given as the big mountain which the commentator takes for Mount Mēru, certainly a wrong identification. In all likelihood, Tiruppati is intended by the poet. Other writers have fixed Vēṅgaḍam as the northern limit of the Tamil speaking districts.

⁹ For the names of a few of them see *Annual Report on Epigraphy for 1907-8*. The Chinese traveller, Hsien Tsiang, who visited India in the middle of the 7th century A. D., seems to locate his *Chu-li-ye* somewhere about the Cuddapah district. The Pallavas, were at this time, strong in the Chingleput, the North Arcot and the South Arcot districts. As further south was under the sway of the Pāṇḍyas, the Chōḷas must have confined themselves to the Cuddapah district, where their inscriptions are actually found. That they had completely lost possession of the Tanjore and Trichinopoly districts can, to some extent, be inferred from the fact that Vijayālaya, who founded the revived Chōḷa dynasty in the 9th century A. D., had to capture Tanjore (from some enemy).

¹⁰ This is suggested by the fact that the father of Toṇḍaimān Ḵandiraiyaṇ was a Chōḷa king, and that the Chōḷas did not play any significant part in history during the time of Pallava supremacy.

¹¹ *Parām* 17, 20, 21, 59, 125, and 229.

¹² *Ibid.* 337.

¹³ *Ibid.* 21 and 357.

¹⁴ *Annual Report on Epigraphy for 1907*, Part II, p. 61 para. 14. ¹⁵ The same for 1908, Part II, pp. 64 and 35.

thus obtained for Jaṭila is A. D. 769-70. The period of his reign and the date of his accession to the throne are facts yet to be determined. It is much to be regretted that the plates do not inform us for how long the Kaḷabhra *inter-regnum*, or the reigns of the kings mentioned, lasted. But as Maḷurakkāñchi states that Talaiyālaṅgānattu-seruvenṇa Neḍuñjeliyaṇ was a lineal descendant of Palyāgaśālai Maḷukuḍumi-Peruvaḷudi, and as Kaḍuṅgōṇ was the first sovereign that succeeded to the Pāṇḍya throne after the *inter-regnum* caused by the Kaḷabhras, which took place immediately at the end of the reign of Palyāgaśālai Mudukuḍumi-Peruvaḷudi, we are naturally inclined to seek for his name in the genealogy, which is happily furnished in the Vēlvikuḍi grant. Here the name Seliyaṇ occurs but once, and as the grandson of Kaḍuṅgōṇ. It looks as if he is identical with the victor at Talaiyālaṅgāṇam. Against the possibility of Neḍuñjeliyaṇ's identity with any other king of the line, it may be pointed out (1) that none of them bears the name Seliyaṇ; and, (2) that the Siṅṅamaṇṇūr plates, which also give the genealogy of the Pāṇḍyas, but only from the immediate successor of Seliyaṇ, mention the battle of Talaiyālaṅgāṇam, as they should, among the feats of the Pāṇḍya kings, who preceded the first member noticed therein. It will thus be seen that it is impossible to bring down Neḍuñjeliyaṇ, and the correctness of the identity of this king with the grandson of Kaḍuṅgōṇ is more or less assured.

As had already been pointed out, the minister of Jaṭilavarman, mentioned in the two inscriptions referred to above, was Madhurakavi. He was living in the third year of the king, when the Vēlvikuḍi grant was issued, but was dead at the time of the consecration of the Ānaimalai cave temple of Naraśimha which took place in A. D. 769-70. We may tentatively presume that this date does not represent the time of the king's accession but rather the closing years. In the interval between the reigns of Neḍuñjeliyaṇ now identified with Seliyaṇ and Jaṭila *alias* Neḍuñjadaiyaṇ Parāntaka, there were according to the Vēlvikuḍi grant three sovereigns. Supposing A. D. 770 as the last year of Jaṭila and giving the usual 30 years for each reign and working backwards, we get roughly A. D. 620 for Seliyaṇ's accession to the throne. Until more reliable dates are forthcoming, we can keep the beginning of the 7th century A. D. for Neḍuñjeliyaṇ and the poem before us. The correctness of the identity of Neḍuñjeliyaṇ with Seliyaṇ and of the date thus arrived at for him, is vouchsafed by the fact that the Vēlvikuḍi grant attributes to his son Arikēsari Māṇavarman, the conquest in the battle of Nevēli.¹⁶ This event should, therefore, have occurred in the period A. D. 650-680. The Pāṇḍya contemporary of the Śaiva saint Jñānasambanda was a certain Neḍu-Māraṇ, also called Kūṇ or Sundara-Pāṇḍya. He is said to have won lasting fame in the battle of Nelvēli where he defeated a northern king who invaded his dominions. As we know that Jñānasambanda lived in the middle of the 7th century, A. D., the conquest of Nelvēli attributed to Neḍumāraṇ should necessarily fall in the same period as that found for Neḍuñjeliyaṇ's son who was known by the same name and who is also reported to have fought the same battle. The inevitable conclusion is that these two kings are not different. It will thus be seen that this fact lends support to placing Neḍuñjeliyaṇ in the period A. D. 620-650.

With these introductory remarks as regards the date of the poem and the king celebrated in it, I now append a translation of such of the passages occurring in the poem which throw light on the state of the country, the social life of the people and the political institutions of Neḍuñjeliyaṇ's time as it would prove a useful guide for a correct understanding of the degree of civilization attained by the Pāṇḍyas in that early period.

The king submitted himself to the counsel of truthful men, and ruled the country so efficiently as to be praised by future generations. At the dawn of day, which was indicated in his capital by the sounds raised by the cocks, the beautifully feathered peacocks, the elephants, the caged tigers and bears, the Brāhmanas chanted the hymns of the Vēdas; the musicians sung

¹⁶ Neḍumāraṇ defeated the Army of Vilvēli at Nelvēli. Vilvēli is probably another name for Vilvala (nagara) which Dr. Hultzsch has identified with Villivalam near Conjiveram. If this identification should prove correct, it may be said that the Pāṇḍya king's opponent in the battle of Nelvēli was probably the Pallava sovereign Naraśimhavarman I in whose dominions Villivalam was situated.

the *mandiram* songs on the *yāl*;¹⁷ the elephants were fed, the horses were given grass, and the house fronts were swept, cleaned with cow-dung and strewn with white sand;¹⁸ and the housewives wiping out their eyes attended to their daily routine, all the time the *śilambu*, which they wore on their legs, making pleasant notes. The big-monthed war drum (*muraśu*)¹⁹ kept on the top of a high building (?) (*pāṣaṇai*) was sounded; the *śūdar*, a class of bards, the *Māḡadar*, a tribe sprung from a Kshatriya mother and a Vaiśya father and the *Vaidāḡigār* sang the praises and chivalrous exploits of the sovereign and awoke him from sleep.²⁰ The brave and warlike *Maḡavar*²¹ talked loud of his deeds of valour. The king called for skilled troopers, the wounded *Kurīśilar*, the *Pānar*, the *Pāṭṭiyār*, the *Yānar* and the *Vayiriyār* and presented to them garlands of *tumbai* flowers in gold, cars and elephants. The *Porunar*²² were much favoured by the king. To them he gave tuskers with calves and female elephants. He adorned the heads of victors with lotus flowers made of gold and jewels. The king wore *toḡi*²³ on his shoulders.

His army consisted of elephants trained to serve in wars. These, when taken to the battlefield, were adorned with an ornamental covering for the face and a shining frontlet. They killed men with their tusks. Swift-footed horses, rapidly moving cars drawn by powerful steeds and brave foot soldiers armed with swords were employed by the king in his wars. The commanders of his army drank toddy and smeared their body with sandal paste.

The members of his council consisted of men free from fear, despair or attachment; they did not give themselves up to anger or pleasure and in rendering justice resembled the unerring point of a scale. His straightforward ministers of State easily discerned good and bad, like the great men who performed the sacrificial rites, and led the king in righteous ways and never for once allowed him to swerve from the laws of piety and virtue. They carefully prevented him from doing blameful acts and always looked to the increase of his fame.

As has already been pointed out, the king defeated two great sovereigns and the *Vēlir*. The commentator remarks that the Chēra, Chōḷa, Tidiya, Erumaiyūran, Eḷini, etc., were his enemies. The five chiefs appear to have occupied hilly tracts. The king took Nellūr, and fought the celebrated battle of Talaiyālaṅḡam with a large army, and in doing this he cut off the forest in front of the enemy's fortress, set fire to it, destroyed villages and cities with all the houses, temples, etc., let loose his fierce elephants to roam at will with uproaring sounds and devastate the country and attacked and destroyed the high walls, accompanied by the sound of conches and trumpets.

The king is called the Porunar, i.e. the lord of the Tāmraparṇi. In the hamlets of his beautiful city, Koṭṭai, there dwelt those who drank toddy and those who dived into the sea to procure rich pearls and shells. The king was also styled as the lord of the *Paradavar*, who resided in the southern districts. The *Paradavar* ate rice mixed with meat and the root of the *kūvai*, wore bows and arrows which ever smelled flesh, uttered harsh words and raised uproarious sounds. Their strength was often felt by the enemies of the king.

The capital of the king had high winged beautiful streets with several storeyed buildings in them. The works of protection raised round it were: (1) a thick guard forest hard to be reached by enemies, (2) a deep moat, (3) high gates attached to far reaching towers, and (4) huge walls, one of which was painted with ornamental figures. On the tops of high palaces ventilated by spacious windows, several kinds of flags fluttered in the air. The two large bazaars of the city were busy

¹⁷ From the description given of the *yāl* in *Parumbānāṭṭruppaḡai* and elsewhere it seems that the instrument was something similar to the *Vēṇai*. The bards who handled it were called the *Pānar*.

¹⁸ A reminiscence of this custom is still seen in Travancore. When the king goes out to the temple or to any other place, he walks on fine sand spread on the path for the purpose.

¹⁹ This is still in use in some of the temples of Southern India.

²⁰ This custom appears to have been borrowed from the Aryans.

²¹ At present there is a class of persons who call themselves *Maḡavar*, and they are mostly to be found in the Madura and Tinnevely districts and in the Pudukkōṭṭai State.

²² The river Tāmraparṇi is called the Porunar and as such the Porunar must indicate the people inhabiting some tract of country on its banks.

²³ *Toḡi* is a general name for ornaments worn by kings, warriors, and women, either on legs or on hands.

with crowds of buyers of all castes; drummers announced festivities; elephants, horses, cars, and soldiers often moved to and fro; young and old women carried flowers, garlands, flower-dusts, betel leaves, lime and the like from house to house; *hawkers* sold various articles; soldiers wearing clothes with flower works, swords in their belts, *toḍi* on their feet, garlands of *vēmbu* and *Seṅgaḷunīr* flowers round their chests, rode on the backs of swift-footed horses. Women of high rank and great beauty adorned themselves with gold jewels and flowered bangles, gathered together on the open front yard of the upper storeys of their houses and witnessed the festivities, processions and other amusements in the streets.

The Bauddha ladies accompanied by their husbands and children carried flower and incense to their temples for worship. Some of the Brāhmanas chanted the *Vēdas*, others performed *yañña*, while a few of great religious merit enjoyed a life of bliss dwelling as they did in caves. The *Srāvakas* (Jainas) of austere devotion, knowing all the times and what passed in the three worlds, flocked in large numbers in their temples with painted walls, carrying in hanging strings, the *kaṇḍigai* and flowers.

There were the merchants, who led the life of householders, and dealt in gold, jewels, pearls and articles of foreign import; those who cut conches and made bangles from them; who bored holes on precious stones, made beautiful gold ornaments, tested the carats of gold, sold cloths, flower and sandal paste and drew charming pictures. The weavers of cloths, young and old, crowded thickly in all the four quarters of the city. The volume of sound raised by these was something similar to that which usually accompanied the landing at midnight of the ships from foreign countries with rich cargo which they emptied and took back other articles manufactured in the country.

Feeding houses there were, where jack, mango, and other kinds of unripe and ripe fruits, flesh mixed with rice, roots and sugar were nicely cooked and served.

When the busy day closed and the evening approached, women anxious to meet their beloved, gathered *Seṅgaḷunīr* flowers to make garlands, adorned themselves with jewels, scented their long hair with fragrant oils, prepared pastes of musks and sandal, perfumed their clothes with fragrant smokes of sandal, lighted the lamps, played on the *yāl*²⁴ and enjoyed the night with their lovers in the first quarter of it and went to rest. The married women of the household, following the ways of elderly ladies who were mothers of children, went out in the evening gently and bashfully, bathed in the tanks, offered flowers and rice (nicely cooked in milk) to the gods and prayed for good children. They were celebrated for their high morality. Their ears were adorned with *kuḷai*, their hands with *toḍi* and several other jewels, their fingers with gold rings set with precious stones and round their necks they had garlands of flowers and pearls. They were dressed in bright and

²⁴ One of the oldest stringed musical instruments of Southern India was the *yāl*. Choicest materials appear to have been used in its making. The rule for the selection of a sounding board to it, was that no wood that had grown in water, that was rotting or that was not deep-rooted should be chosen. It should preferably be of such strong materials as the ebony, *cassia*, *gmealina tomentos*, etc. Several kinds of *yāl* are mentioned in Tamil works. Chief among them are (1) *Pēriyāl*, (2) *Magara-yāl*, (3) *Sagāḍa-yāl* and (4) *Seṅgōṭṭi-yāl*. The first of these had 21 strings, the second 17, the third 13, and the fourth 7. Frequent twinkling of the eye, knitting the brow, allowing the neck to tremble or to swell, shaking the cheeks, displaying the teeth, opening the mouth wide, nodding the head and similar other movements of the body are considered as faults in a person who sings with the aid of the *yāl*. There were expert players on this instrument in the courts of the ancient Dravidian kings. Some of the big temples of Southern India employed them and their services were utilized in singing the hymns composed on god, to the accompaniment of vocal music. References to the *yāl* are frequently met with in the *Dēvāram*. One of the greatest musicians who flourished in the middle of the 7th century A. D., was the Śaiva devotee, Tirunt Lakāṇḍa-Perumbāṇar. He belonged to the Tanjore district. Another is mentioned in the *Hālāsya-mahātmya*. He was a native of Madūra and distinguished himself in the reign of an ancient Pāṇḍya king. There are references in Tamil literature of the same period as *Maduraiikkāñchi* which go to show that the *yāl* is either a slight modification of or identically the same as the *vīṇā*. Both men and women appear to have amused themselves by playing on the instrument.

valuable clothes which were stiff with gruel. Over the cloth they put on an ornament which enhanced its beauty. The wanton women wore white flowers in their locks, walked out in the streets with hands adorned with *toḍi* freely playing, filling the air with fragrance emanating from them, put in order their disturbed body, cunningly brought into their snares the wealthy, and deprived them of their riches.

In the grounds set apart for it, a few joined together and danced the *kuravai* to the accompaniment of the music of the *āri* and *kūḍu* in honour of god Muruga, while a few others, belonging to the suburbs, recited *puraṇḍāgam* and *pāṭṭu*.

The merchants, the sweetmeat sellers and the stage players shut their shops by removing the front poles and went to rest.

At midnight devils and evil spirits roamed through the streets. Thieves who could disappear in the twinkling of an eye, wearing black coats, close undergarments in which they concealed a thread ladder, sandals to their feet and armed with chisel and sword, walked out slyly bent on plundering the rich. The city guards whose eyes knew nought of rest, whose hearts were filled with courage, who had learnt the art of protecting the city and who were armed with unerring bows and arrows, moved from place to place even when it rained cats and dogs.

The dominion of this illustrious king was rich in wet fields, dry lands, forest and sea, bordering tracts which yielded several kinds of millet, sesamum, *paspulum fromentatium*, *maṇi*, hill rice, white mustard, ginger, turmeric, pepper, beans, sugarcane, salt and fish. There was busy life in all the four classes of lands throughout the year. Here the *Kuravar* dug out pits on the land and covered them lightly so that the pigs that came to destroy the produce might fall in and become their prey; there the *Valaiṇar* and *Timilar* with their wide-spreading nets ventured on the sea with their small boats to catch fish. In one part they cut fields to let in sea water to prepare salt. In due seasons, ploughing, weeding and harvesting were conducted and lively music and dance relieved the monotony of work even in the fields. The rivers in high freshes filled tanks in their eastward course to the sea.²⁵ Water was baled for irrigation by means of the *kavalai* and lift systems to the accompaniment of songs of the working hands. In the forests, the *Kṛṇavar* had their houses thatched with leaves where they slept on deerskins. They were skilled archers. Big ships with flying masts attached to long posts, propelled by the wind blowing on the sheets which became bent on that account, brought to the Pāṇḍyan's territory wealth-producing articles of merchandise for the consumption of the people of the inland districts.²⁶ These were anchored on the sea. The articles were carried to the shore with the beating of the drum. The ships took back the products raised in the country,—pearls, gold and jewels.²⁷

²⁵ Almost all the rivers of the Tamil country are dry during the greater part of the year. To prevent the scarcity of water which would otherwise have been felt, the ancient Dravidian kings appear to have had recourse to the digging up of tanks and wells. These, as evidenced by the reference here given, seem to have been fed by the water of the rivers when they were in high floods during the monsoon.

²⁶ The reference is important as it shows that the ships frequenting the ports of India were propelled by the wind. The following extract from Gibbon confirms the statement of this poem. Every year, about the time of the summer solstice, a fleet of an hundred and twenty vessels sailed from Mios Hormos, a port of Egypt on the Red Sea. By the periodical assistance of the monsoons they traversed the ocean in about 40 days (to reach the ports of India or those of Ceylon). The ships returned with rich cargo which as soon as they were transported on the backs of camels from the Red Sea to the Nile and descended the river as far as Alexandria, it was poured without delay into the capital of the Roman Empire.

²⁷ Roman historians inform us that in ancient times there was considerable demand in the Western world for the products and manufactures of the East and that the Roman fleet regularly carried on trade with Arabia, India and Ceylon. Soon after the discovery of Ceylon in the reign of Claudius, it became the important mart of the East. Silk and precious stones including pearls and diamonds were chiefly exported from Malabar and Cape Comorin (*Kumari*). Among the Eastern commodities that found way to the European markets may be mentioned pepper, ginger, cinnamon and the whole tribe of Aromatics.

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY.

SERIES III.

BY H. A. ROSE, I.C.S.

(Continued from p. 208.)

Chāra: ravine deer, Indian gazelle, *chikāra*. Bauria *argot*.**Chhābu**: part of a pent roof. Sirmūr.**Chhak pingikhāni**: *lit.* to eat food: to eat once only; to confirm a betrothal, by eating *luchis* or cakes.**Chhakū**: a day-labourer paid with 2 *seers* of grain and a meal per day. Bilāspur.**Chhal**: land which has received a fertile deposit from a stream. As long as the effect of the deposit continues it will bear crops of the highest class without artificial manure. Hoshiārpur S. R., p. 69.**Chhal retar**: very sandy *chhal*. Hoshiārpur S. R., p. 69.**Chhali**: a long mango fruit like a maize cob (*chhali*). Hoshiārpur S. R., p. 16.**Chhalla**: a place for burning the dead. Karnāl S. R., 1880, p. 136.**Chhamb**: ploughing after cotton seed has been sown broadcast. Jullundur S. R., p. 123.**Chhamb**: much the same as *jabar* (moist low-lying land, very good for sugarcane and rice). The principal rice growing land. Cf. *chagar* and *pabhan*. Hoshiārpur S. R., p. 70.**Chhan**: a variety of sugar-cane. It is thin and of reddish colour, and grows to a height of from 7 to 8 ft. It yields less juice than *dhaulā*, but the juice is said to be richer in saccharine matter, though this is very doubtful. Jullundur S. R., p. 117.**Chhan**: a bracelet. Cf. *puchheli*, *kāngni* and *chura*. Karnāl S. R., 1880, p. 125.**Chhān**: a long low stack. Cf. *chusdri*.**Chhand baddh**: poetical.**Chhānnā**: a sieve of *sarr*, used for separating the grain of mixed crops. Jullundur S. R., p. 108.**Chhari**: churn: Sirmūr *sis-Giri*.**Chharola**: cutting off a child's hair. Sirsa S. R., 1883, p. 164.**Chhāt or khūr**: roof. Sirmūr.**Chhatālnā**: to seize. Bauria *argot*. *Ex—lohri thāiya, chhatāli le.* 'The thief is hiding, catch him.'**Chhatrī**: a mausoleum, erected in memory of any respectable person or in honour of a deity, octagonal or circular in form with doors on all sides. Fr. *chhatr*, a canopy. Gurgaon. cf. *Panjabi Dicty.*, P. 219.**Chhatti**: a stick, (?) a flail. Shāhpur.**Chhechār**: Fr. Sanskrit *shaṭ*, 6, and *upachār*, 'gift': a ceremony observed at weddings in Chamba and the Simla Hill States when the bridegroom reaches the bride's house with the wedding procession; at the gate the bride's father gives him (1) water to wash his feet, (2) a *tilak* of sandal, (3) a garland, (4) a robe, (5) a betel-nut and (6) an ornament, *e. g.*, a gold ring, *Koti*.**Chheti**: a curious form of woman's separate property found in Kullu. It is usually land (and the stock necessary to work it) assigned to a second wife at marriage pending life and good conduct. Occasionally a first wife will stipulate that, in the event of her husband's taking a second wife (*saukan*), she is to obtain a specified *chheti*. Such arrangements are often reduced to regular deeds. The term *chheti* is also applied to property inherited through a female, *i. e.*, a man who marries an only daughter, and gets with her ponies or sheep, retains them as his even if he be joint with one or more brothers; and on partition two or three generations later, such property will not

be brought into hotchpot, but will devolve only on the heirs of the original holder. Still the term is most usually applied to land given to a woman for maintenance only, though it is occasionally contended that the *chhetî* of the wife of one of two brothers should not be divided between them. This was, of course, disputed and over-ruled. A Kullu *zamîndâr* is extremely fond of giving each of his wives a separate house, and dividing his land amongst them as *chhetî*.³

Chhohir : a girl :—chhiuni, a young inexperienced girl.

Chhopâ : s. m. a spinning party, *i. q. tiranjan*.

Chhor : the grain left on the threshing floor. Karnâl S. R., p. 116.

Chhor : a stack in which stalks of the great millets and maize are stacked. Karnâl S. R., 1880, p. 164.

Chhori chhora : a game in which one captain says to the other, " Guess whose house I am thinking of in such and such a street in which there are two boys and a girl," and according as the guess is right or wrong, the boys of one party mount the backs of the others and are carried to the house named where they ask the good wife, "above above or below above," and according to her answer they remain as they are or change places and so ride back to their playground. Sirsa S. R., 1883, p. 206.

Chhot : evil influence. Karnâl S. R., 1880, p. 150.

Chhuri : buri — mârnâ, to receive with hostility.

Chhutthâ : irr. p.-part. of *chhuknâ*.

Chi : a funeral pyre, used in Pângi.

Chib : the inferior fodder crop of jowâr, cut green. Karnâl S. R. 1880, p. 187.

Chichar : débris. Kângra Gloss.

Chickârna ; a mode of worship which consists in touching first the object to be worshipped and then the forehead, with the right hand. Karnâl S. R. 1880, p. 144.

Chifala : slippery, as a hill-side, or anything hard to hold. Kângra Gloss.

Chigsa : a tiny lamp of pottery used at the Diwâli festival. Cf. *chugra*. Karnâl S. R., 1880, p. 122.

Chiha : a boy : see *damkera*. Bauria argot.

Chik : soil, ground, especially land owned, like fields, as opposed to waste. Kângra S. R. (Lyall), p. 25.

Chiklia, Chirkalio : sparrow. Bauria argot.

Chiknot : a clayey soil found only in depressed basins. Gurgaon S. R., 1883 p. 6.

Chilwa : a fish (*chela gora*). Karnâl S. R., p. 8. Ludhiâna S. R., 1883, p. 18.

Chinât : = *chandt*.

Chingâr : beard of wheat. Sirsa S. R., 1883, p. 284.

Chingghârna : to trumpet, of an elephant.

Chinkha : an inferior kind of red sugar-cane, the cane is very sweet, but gives very little juice ; this sort is sometimes grown only for fodder. Gujranwala S. R., p. 27.

Chintâ : s. e. Cf. *Panjabi* Dicty., p. 236.

Chip : a fish trap of bamboo, or osier under a weir in a stream. Kângra Gloss.

Chipat : a tree (*solanum xanthocarpum*). Cf. *kandai*. Karnâl S. R., p. 9.

Chirkalio : sparrow ; see *chiklia*.

Chirkhu-musân : a male spirit which swings, whence its name. It haunts cross-roads and frightens wayfarers. Chamba.

³ In Pattan (British Lâhul) there are some Dâgi families who hold *chhetîs* or small allotments of land rent-free from the State, on condition of stacking wood at certain halting-places and carrying palanquins. They are not liable to carry baggage or cross the passes.

Chirnā : to possess, enter (of a spirit). The possession by a spirit of a *gur*, *ghanīṭā* or a *devā*. It is also called *gronī* when a *gur* speaks; in the lower hills this state of a man is called *garni*. *Hingarnd* is the time when a *gur* speaks or moves in *gronī*. *Mitnd* is a synonym for *chirnd*. Simla Hills.

Chitan : black stripes (on earthen vessels). Karnāl S. R., 1880, p. 122.

Chitrera : a painter from chittar, a picture. Kāngra Gloss.

Chitta : a stripe. Karnāl S. R., 1880, p. 200.

Chitwānā = *chitamnā*. *Panjabi Dicty.*, p. 338.

Chiwan : a string with which a finished vessel on the *chāḥ* (wheel) of the potter is cut off. Karnāl S. R., 1880, p. 200.

Cho : a water-fall. In the low hills, the bed of a torrent. Kāngra Gloss.

Choa : soakage. Karnāl S. R., 1880, p. 159.

Chobhi : the race of a water-mill by which water escapes. Kāngra Gloss.

Chobku : a trap door in the ceiling leading to an upper storey by a ladder (Nurpur). Kāngra Gloss.

Choh : (1) a drainage channel ; (2) a mountain torrent. Hoshiārpur S. R., p. 8.

Cholāsup : an unsewn and unhemmed reddish yellow cloth provided by the bride's maternal grandfather which she wears on her head, used only at weddings, but worn after the ceremony till it wears out. Karnāl S. R., 1880, p. 130.

Cholna : to dress the sugar-cane by stripping off the leaves and cutting off the crown. Karnāl S. R., 1880, p. 181.

Cholyālu : the Hindu kitchen or room of the *chūli* ; also called *rissīlu*. Kāngra Gloss.

Chopāl : the common room in a village in which a traveller, who has no friends, puts up (used in the north. Cf. *paras*). Karnāl S. R., p. 106.

Chot : a deduction allowed at the making up of accounts. Jullundur S. R., p. 72.

Chotikat : a Muhammadan Rājput, so called by Hindus. Karnāl S. R., p. 80.

Chuā : 'touch,' commonly used when someone is believed to be impure from touching or eating with a low caste person *chūā lagānd* = to outcaste for eating ; while *bhot* means outcasting for cohabiting with a low-caste woman or man. Simla Hills.

Chuāna : waving grain or tobacco over a patient's body. Karnāl S. R., 1880, p. 146.

Chu chik : white clay—see *golend*.

Chugra : a tiny lamp of pottery used at the Diwāli. Cf. *chigsa*.

Chuhī : the reservoir of a well. Ludhiāna S. R., 1883, p. 97.

Chūi : a small pool. Karnāl S. R., 1880, p. 171.

Chuk : pain in the loins, (? lumbago). D. G. Khān.

Chūnchi : breasts. Sirsa S. R. 1883, p. 163.

Chūnchi khulāi : a ceremony performed at the birth of a child by the mother's sister-in-law who washes her breasts and is presented with a suit of clothes in return for the service. Sirsa S. R., 1883, p. 163.

Chunga : a male spirit under a sorcerer's control and employed to bring things to him. It also drinks milk of cows and brings milk, *ghi*, etc., to its sorcerer. Chamba.

Chūnt : a red stone (dust, etc., of precious stones ?).

Chunā : to pick up, p. 249.

Chūran : a conical shaped enlargement which crushes the cane against the sides of the *kohlā* as it moves round in the cavity. Karnāl S. R., 1880, p. 161.

Dāb : a piece of wood, with which the side of the hole in which the vertical wheel revolves, and the side of the well, where the *lath* rests, are lined. Jullundur S. R., p. 102.

Dab (*eragrostis cynosuroides*) : a weed with deep roots. Rohtak.

Dāb : a grass (*Poa cynosuroides*). Karnāl S. R., p. 12.

Dāban : the villages on the border of the larger streams. Hissār S. R., p. 18.

Dābar : a hollow fringed with trees. Karnāl S. R., p. 3.

Dabri : a heavier clay, found only in the neighbourhood of the Bein stream; it varies with cultivation from a fine deep soil to an almost unworkable waste and requires constant watering. Hoshiārpur S. R., p. 70.

Dāch : a bill-hook for cutting small wood. Simla S. R., 1883, p. 45.

Dāchi : a sickle for cutting grass :=*dātri*. Simla S. R., 1883, p. 45.

Dādālī : a wooden harrow. Simla S. R., 1883, p. 45.

Dadhri : a disease : ?=*dadhar* (m.), ring-worm.

Dāgdena : to light the wood for burning a corpse. Karnāl S. R. 1880, p. 136.

Daggā : a huge narrow-mouthed vessel made of pottery, for storing water. Cf. *māt*. Karnāl S. R. 1880, p. 121.

Dagh : a kind of maize with light yellow cobs intermixed with white grains. Cf. *dhusra* and *dhusrī*. Jullundur S. R., p. 122.

Dahi : a fish (*Rasbora elonga*). Cf. *dahwai*. Karnāl S. R., p. 8.

Dahri : naturally irrigated land. Gurgaon S. R. 1883, p. 5.

Dahwai : a fish. Cf. *dahi*. Karnāl S. R., p. 8.

Dai : an elder sister; see under *bhāo*.

Daim : a row of bullocks, for threshing. Karnāl S. R., 1880, p. 172.

Daint : a devil, believed to be a monstrous human form. Simla Hills.

Dāji : a game exactly the same as hockey. Cf. *khuddu khundi*. Sirsa S. R., 1883, p. 206.

Dak : a block, of a canal. Sirsa S. R., 1883, p. 407.

Dak : grapes. Simla S. R., 1883, p. 47.

Dal : a basket by which water from a tank is raised into the irrigation channel. Ludhiāna S. R. 1883, p. 97.

Dal : a lake; *tāl* is also used. Kāngra Gloss.

Dāl : irrigation of land by delivering the water below the fields. Karnāl S. R., 1880, p. 170.

Dālia : the man who stands on a *penta* to swing the *dāl* (scoop). Karnāl S. R., 1880, p. 171.

Dall gundoli : fenugreek (*Luffa*). Kāngra S. R., p. 25.

Dalputi : a big lighted torch, a torch of fine or other resinous wood.

Dalri : a small shallow basket for bread and grain. Karnāl S. R. 1880, p. 121.

Dāmau : a petticoat wholly red. Karnāl S. R., 1880, p. 124.

Damkera : a boy, cf. *chiha*. Bauria argot.

Damkeri : a girl. Bauria argot.

Dāmras : a string. Cf. *rās*. Karnāl S. R., 1872-80, p. 163.

Dānda : bullock. Bauria argot.

Danda : very stony land, generally on a slope. Hoshiārpur S. R., p. 69.

Dandāl : a kind of wooden plough used after the ground has been ploughed once and smoothed by a mace; the clods are again broken and smoothed by a mace. Kāngra Gloss.

Dāndalwāsa : a place fixed for the residence of the guests of the bridegroom party. Cf. *jandahwasa*. Karnāl S. R. 1872-80, p. 130.

Dāndar : a stalk of *bājra*. Karnāl S. R., 1872-80, p. 187.

Dandiyān : ear-rings worn by Sikh women. Sirsa S. R., 1883, p. 157.

Dandrāl : (1) a large rake. Hoshiārpur, S. R., p. 72; (2) a harrow with 8 or 10 bamboo teeth, drawn by oxen, used for opening the soil round young corn. Kāngra S. R., p. 29.

Dand wilknā : to show teeth, entreat.

- Dang**: a band or embankment in a stream, to turn water into a canal. Kāngra Gloss.
- Danga**: a wall of loose stones.
- Dānsra**: stems of the *tīl* (sesame) plant. Karnāl S. R., 1872-80, p. 188.
- Dānt**: a fine curved blade set in a flat board which is held under the foot, while vegetables, etc., are sliced or split up against the blade. Karnāl S. R., 1880, p. 163.
- Danti**: hare. Cf. *sūsi*. Bauria *argot*.
- Dānwāndol**: *adj.* restless, uneasy.
- Danwāra**: a system by which two or more owners club their cattle together, either for the year or for a special job. Karnāl S. R., p. 114.
- Dap**: see *dīp*.
- Daphi**: a window. Sirmūr.
- Darādh**: a hole where water has forced a passage; see *tarota*.
- Darāti**: a sickle, called *dāti* in the plains. Kāngra Gloss.
- Darbāra**: a fee given by Akbari clans of *Jats* at marriages to the Mirāsīs of Akbari families. Hoshiārpur S. R., p. 51.
- Daretar**: the second day's service (*jowārī*, *q. v.*) taken at reaping time.
- Darka**: a small tree, which grows low down in the valleys, used for firewood. Simla S. R., 1883, p. 44.
- Darli**: *Cedzela toona serrata*: a small tree, red wood, used for making yokes and posts. Simla S. R., 1883, 43.
- Darmal**: s. m. medicine.
- Daroi, drohi**: a *dōhāī* or an appeal to any one. Kāngra Gloss.
- Darūn, drūn**: a weight equal to 8 *thimis*. Kāngra Gloss.
- Dasā bise**: a game in which the two parties stand one at 10, the other at 20 paces, from a heap of earth as goal, and at the word "one, two, three—off!" one of each party starts off, the object of the one being to run his 10 paces, slap the goal 10 times and get back his 10 paces before the other who has 20 paces to run, can reach the goal and then catch him. Sirsa S. R., 1883, p. 206.
- Dasāhi**: the rite performed on the tenth day after a death, when the household go to a tank, wash their clothes, shave, offer ten *pinds*, and give the Achārj grain—enough for ten meals. Karnāl S. R., 1880, p. 137.
- Dasha**: s. m. state, condition.
- Dasūtan**: the tenth day after the birth of a child, when the net is taken down and the fire let out. Karnāl S. R., 1880, p. 126.
- Datha, Sitan ki**: a bundle of pressed sugar-cane used for torches or for fuel. Kāngra Gloss.
- Dathoi**: the soil in which spring crops are sown, and which has borne a crop in the autumn immediately preceding. Karnāl S. R. 1880, p. 193.
- Datīālu**: light early breakfast; also called *nowāri* towards Nūrpūr. *Dopahri* is the next meal then comes *kalār*, which answers to our lunch, and, lastly, *sunji-ki-roti* or supper. Kāngra Gloss.
- Datti**: a sickle. Cf. *dātri*. Sirsa S. R., 1883, p. 252.
- Dāu lāunā**: to take the opportunity. p. 282.
- Daul**: a variety of *jowār*, very hardy. Karnāl S. R., 1880, p. 186.
- Daulī**: a ridge of sand, covered with thorns, round a house. Gurgaon.
- Daukh**: ten. Sirsa S. R. 1883, p. 124.
- Daunja**: a platform built for men to sit in a field of the great millet and protect it from birds. Cf. *jaunda*. Karnāl S. R., 1880, p. 172.

- Dāva** : left hand. Sirsa S. R. 1883, p. 124.
- Dah** : a shrine, where the Jāglān Jāts worship their ancestors. Karnāl S. R., p. 78.
- Dehl** : see *dwatan*.
- Dehri** : a boundary-pillar. = *koṭḍi*.
- Deila** : a grass which gives good grazing. Rohtak.
- Den, Dain** : a witch; *dugar* is a sorcerer, or male witch. Kangra Gloss.
- Deorā** : a big temple; *deorī*, a small temple. Simla Hills.
- Deredār** : a fire-carrier whose business it is to see that the *huggas* are always full and alight; he sometimes gets five *seers* per plough for this service. Sirsa S. R. 1883, p. 182.
- Dhā** : the ridge or high bank which marks the division between uplands and lowlands. Ludhiāna S. R., 1883, p. 3.
- Dhabli** : a blanket of white wool. Sirmūr cis-Giri.
- Dhag, dag** : a precipice. Kangra Gloss.
- Dhāin** : a husband. Bauria *argot*.
- Dhak** : a thick mat for sitting on, made of plaited pressed sugar-cane, ordinarily called *binnā*. Kangra Gloss.
- Dhakāo** : the first day of a wedding. Karnāl S. R., 1880, p. 130.
- Dhakh** : a morsel. Kangra Gloss.
- Dhak-pachū** : a man who collects *kino* (resin which exudes from the *dhāk* tree). Karnāl S. R., p. 10.
- Dhāl** : a tax on land, levied to pay tribute. Mahlog.
- Dhām** : upland. Hence Dhāmi, the name of one of the Simla Hill States.
- Dhamakka** : a kind of maize with orange-yellow cobs. Jullundur S. R., p. 122.
- Dhamakki** : a kind of maize with white cobs. Jullundur S. R., p. 122.
- Dhaman** : *Grewia oppositifolia*. Hoshiārpur S. R., p. 82.
- Dhāmū** : a messenger,—two are sent from the bride's house to fetch the bridegroom. Churāh.
- Dhamūri** : a red wheat, having a firm stalk and root, and not easily stirred. Hoshiārpur S. R., p. 74.
- Dhan** : the coarser varieties of rice. opp. to *ziri*. Rohtak.
- Dhanak** : a rainbow; the Gaddīs call it *pappan*. Kangra Gloss.
- Dhanāna** : to give the bull to a cow. Karnāl S. R., 1880, p. 195.
- Dhanḍhora** = **Dhanḍora**, *Panjabi Dicty.*, p. 297.
- Dhāng** : a flail or rather stick used to thresh corn. Kangra Gloss.
- Dhantā** : a beard-cloth. Sirsa S. R., 1883, p. 157.
- Dhānu** : rice land. Kangra Gloss.
- Dhār** : a high range, or the upper part of such range : also used for a sheep-run.
- Dhār chakrū** : the ptarmigan, see *tilla*.
- Dhari** : a plaister shelf, on the inside wall of a house; also called *lakhola* or *tah*. Kangra Gloss.
- Dharn** : ? a disease: Kapurthala.
- Dharothi** : a large wooden box. Sirmūr trans-Giri.
- Dhāru** : a breastplate of silver chain. Karnāl S. R., 1880, p. 125.
- Dharūn** : a measure of capacity, = one-sixth of a *topā*. Kangra S. R. (Lyll), p. 32.
- Dhatura** : the strongest kind of tobacco and most liked. Hoshiārpur S. R., p. 77.
- Dhaṭṭhā** : p.-part. of *dhahindā* fallen.
- Dhauḷi** : a late red maize. Karnāl S. R., 1880, p. 184.
- Dhauḷu** : a long soft thick white sugar cane. Rohtak,

MISCELLANEA.

KĀLIDĀSA AND KĀMANDAKI.

THE date of Kālidāsa is yet far from being settled. From the mention of Kālidāsa by Bāna and in the Aihole inscription of the time of the Chālukya king Pulakeśin II. all scholars are now unanimous in asserting that he cannot be later than the 7th century A.D. And most Sanskritists are disposed to place him in the 5th century. In this state of things it behoves everybody interested in the chronology of Sanskrit Literature to bring to the notice of scholars every scrap of information bearing upon the date of prominent authors like Kālidāsa.

In the *Raghuvamśa* (IX) Kālidāsa speaks of the advantages of hunting, viz., skill in bringing down a moving mark, knowledge of the change of expression due to fear and anger, a fine body due to being inured to fatigue (*Parichayaṁ chala-lakshya-nipātane bhaya-rushōś=cha tad-īngita-vedanam* | *Śrama-jayāt praguṇām cha karōty=asau taiṣum=atō ś snumataḥ sachivair-yayau*). A similar verse occurs in the *Śākuntalā* (2nd Act), where, in addition to the above, the reduction of fat is specially referred to. (*Medaś-chheda-kriś-ōdaraṁ laghu bhavaty=utthāna-yōgyaṁ vapuḥ sattva-nām=apilakshyate vikritimach=chittam bhaya-krodhahyōḥ* | *Utkarṣaḥ sa cha dhāvinām yad=ishavaḥ si-dhyanti lakshye chale mithyā hi vyasanam vādanti mṛigayām=īdriḡ=vinōdah kutāḥ*)). Hunting is one of those vices which kings are specially advised to avoid by Manu and other lawgivers. Kālidāsa seems to have taken the opposite view.

The *Kāmandakīya-nītisāra*, while speaking of hunting, remarks:—"Some point out the following as the advantages of hunting, viz., rising superior to fatigue, exercise, the decrease of indigestion, fat and phlegm and unsurpassed success in archery directed towards fixed and moving marks; but this is not proper; there are generally some very grave (*lit. fatal*) disadvantages, and, therefore, hunting is a great vice." (*Jita-śramatvaṁ vyāyāma āma-meda-kapha-kshayaḥ* | *chara-sthīreshu lakshyeshu bāna-siddhir=anuta-mā* || *Mṛigayāyām guṇān=etān=āhur=anye na tat kshamaṁ* | *doshāḥ prāna-harāḥ prāyas=tasmāt=tad vyasanam mahat* || XIV., 25-26). The advantages of hunting selected by the *Kāmandakīya-nītisāra* are almost the same as those pointed out by

Kālidāsa. It seems, therefore, that Kāmandaki criticises the views of Kālidāsa, whose poems must have been in his days on the lips of all, whether young or old. If this idea be acceptable, it will furnish another piece of evidence for arriving at the approximate date of Kālidāsa.

I shall now mention some data for arriving at the date of the *Kāmandakīya-nītisāra*:

I. Utpala, who wrote his comment upon the *Bṛihatsaṁhitā* of Varāhamihira in Śaka 888 (A. D. 966-67), quotes from *Kāmandaki*; e.g., on 77, 1.

II. Vāmana, in his *Kāvya-dānakāra-sūtravṛtti*, quotes a verse, in which the '*Kāmandakī nīti*' is referred to (under IV, 1, 2. *Kāman Kāmandakī nīti=asyā rasyā divānīsam*). Vāmana flourished about 800 A. D. (See an article by me in the *Journals of the Bombay Asiatic Society* for 1909).

Bhavabhūti in his *Mālatīmādhava* exhibits the character of a diplomatic lady named Kāmandakī. It appears almost certain that the name was taken from the writer on statecraft whose fame must have been very great in Bhavabhūti's day. Bhavabhūti, we know, flourished about 700 A. D.

In the 7th chapter of the *Kāmandakīya-nītisāra*, there is a list of kings who fell victims to poison and intrigue (verses 51-54). Varāhamihira in chapter 77 of his *Bṛihatsaṁhitā* mentions some kings, who are the same as those in the work of Kāmandaki (e.g., Varāhamihira says '*Sastrena veni=vinigūhiteṇa Vidūratam svā mahishī jaghāna*;' compare Kāmandaki: *Venyām sastram samādāya tathā chāpi Vidūratam*). I do not dogmatically say that Varāhamihira borrowed from Kāmandaka. Such traditions might have been current in his day. Still I hold that it is not quite impossible that Varāhamihira derives his information from the *Kāmandakīya-nītisāra*.

Apart from Varāhamihira's reference to this intrigue, the *Kāmandakīya-nītisāra* must be older than the 7th century A. D. as just shown, and strongly confirms the position that Kālidāsa is not later than the 6th century of the Christian era.

P. V. KANE.

Bombay.

NOTES AND QUERIES.

A SECOND NOTE ON VĀSUDEVA.

To

The Editor, *Indian Antiquary*.

Dear Sir,

I have since read the article "The Divine Vāsudeva" by Prof. K. B. Pathak, B.A., pp. 96 ff. of the Journal of the Bombay Branch, R. A. Society, No. LXIV. (1909-10). With reference to the concluding sentence of the above article, stating that the Divine Vāsudeva is different from Kshatriya Vāsudeva, my article in the *Indian Antiquary*, for November 1910, may be read. The Divine Vāsudeva is the Eternal Vāsudeva of the Holy twelve-syllabled (*Dvādaś-ākshara*) mantra, called the *Para-Vāsudeva*; and

this *Para-Vāsudeva* incarnates as Kṛishṇa, who is the Kshatriya Vāsudeva.

The passages in the *Bhagavadgita*:

(1) *Vāsudevas=Sarvam=iti*. [VII. 19].

(2) *Vṛishṇinām Vāsudevo=smi* [X. 37].

read together show that the *Essential* Vāsudeva incarnates as Kshatriya Vāsudeva. The two are identical *essentially*; but when viewed in the *Para*, *Vyūha* and *Vibhava* forms, they may be considered as different.

Thus there is no difficulty presented warranting the speculation about "later interpolations." [p. 103 *op. cit.*, J. R. A. S., Bombay Branch].

A. GOVINDĀCHĀRYA SVĀMIN, M.R.A.S.

EPIGRAPHIC NOTES AND QUESTIONS.

BY D. R. BHANDARKAR, M.A., POONA.

(Continued from *Jour. Bomb. As. Soc.*, Vol. XXIII., p. 106.)

VIII.—The Kailāsa Temple at Elūrā.

D. R. G. BHANDARKAR was the first to show from two verses in the Barodā grant of the Gujarāt king Kakkarāja that the temple of Kailāsa at Elūrā was built by Kṛishnarāja I of the Rāshtrakūṭa dynasty.¹ The verses are :—

एलापुराचलगताङ्कृतसन्निवेशं
यद्दीक्ष्य विस्मितविमानचरामरेन्द्रः ।
एतस्व(स्व)यम्भु शिवधाम न कृत्रिमे श्री-
कृष्टे कृशीति सततं बड् चर्चयन्ति ॥
भूयस्तथाविधकृतौ व्यवसायहा[ने-
रे]तन्मया कथमहो कृतमित्यकस्मात् ।
कर्त्तापि यस्य खलु विस्मयमाप शिल्पी (1)
तन्नाम कीर्त्तनमकार्येत येन राज्ञा । [1]

His translation is :—

“(That king), by whom, verily, was caused to be constructed a temple on the hill at Elāpura, of a wonderful structure,—on seeing which the best of immortals who move in celestial cars, struck with astonishment, think much constantly, saying, ‘This temple of Śiva is self-existent; in a thing made by art such beauty is not seen’, a temple the architect-builder of which, in consequence of the failure of his energy as regards (the construction of) another such work, was himself suddenly struck with astonishment, saying, ‘Oh, how was it that I built it!’”

Here the points involved are two: (1) that Elāpura is identical with Elūrā; and (2) that Kailāsa can by its stupendous nature be the only temple referred to as striking one with astonishment. Both these conclusions are correct. For, in the first place, Elāpura can easily run into Elūrā or Verūl. But if any further proof is needed, it is supplied by a local *māhātmya*, professing to be part of the *Padmapurāṇa*. Verse 38 of the first chapter is :—

सिवालये कृते नाम शिवस्थानं परे युगे ।
तस्मादेलापुर् नाम नागस्थानं कलौ युगे ॥

From this it appears that Elūrā was known as Sivālaya, Sivasthāna, Elāpura and Nāgasthāna in the Kṛita, Tretā, Dvāpara and Kali yugas, respectively. We thus find that Elūrā has been actually called Elāpura in the local *māhātmya*. As regards the second point, Kailāsa is a Śiva temple and is the most extensive and elaborate of all the cave structures at Elūrā, and can alone be taken to answer to the description given in the verses quoted above. This conclusion receives confirmation from another source. On the ceiling and architraves of the front porch of the Kailāsa temple are some remains of old paintings. In one of them, “a rājā is represented seated with a *chhatra* held over him; to the left some people are paying respects to him, and to the right are two bearded men seated with *chhatras*. Over the rājā is written—*Svasti Kannuradevarāya*.²” Kannuradeva here, according to Pandit Bhagwanlal Indraji, is “Kṛishnadeva or Kannaradeva II., of the Nikumbhavaṃśa who ruled at Pātna, probably as feudatories of the Devagiri rājas.” But, I think, there cannot be even the shadow of a doubt as to this Kannuradevarāya being the Rāshtrakūṭa sovereign Kṛishnarājadeva I., especially if we remember that he is the only prince of the name Kannaradeva who is represented to have built a colossal temple at Elāpura. The Kailāsa temple must, therefore, be supposed to have been built by this Rāshtrakūṭa king, and this explains why his painting

¹ Above, Vol. XII., pp. 228-30.

² *Archaeological Survey of India* by Dr. Burgess, No. 10, p. 97.

should have been found here. Again, the same temple seems to be referred to in the Kaḍaba plates of Prabhūtarsha. In line 34 of this inscription, Akālarsha [—Kṛishṇarāja I.,] is said to have erected a temple which was styled after his own name Kaṇṇeśvara (Kaṇṇeśvara). Prof. Lüders, who has edited the grant, says : " In lines 29-30 it is said that the sun, reflected in its jewel-paved floor, seemed to have descended from heaven to show reverence to Paramēśvara. This and the form of the name indicate that the temple was dedicated to Śiva. And it must have been an uncommonly magnificent building; for nearly the sixth part of the whole inscription is devoted to its description, and its erection is the only deed of the king which the author has thought worth mentioning. The temple spoken of here must, therefore, necessarily be that splendid Śiva temple which, according to the Baṛodā grant, was built by Kṛishṇa on the hill of Elāpura, the modern Elūrā.³ " It, therefore, appears that the Kailāsa temple was originally known as that of Kaṇṇeśvara, or rather Kannareśvara. Now the question arises : how this temple is now known as Kailāsa, if it was originally called Kannareśvara. An explanation of it was given me by a Gurav, when I was there in February last; and there is an air of plausibility about it. On the south side of the temple below a bridge, which is now fallen, but which was across from a balcony of the temple to a cave in the scarp, is a large sculpture of Rāvaṇa under Kailāsa. Here Pārvaṭī is stretched out clinging to Śiva; while her maid, in fright at the shaking of the ground under her feet, is represented in the background fleeing for safety. This scene is sculptured touching the ground. In fact, the feet of Rāvaṇa have gone into the ground. This gives the idea that the temple is Kailāsa which Rāvaṇa from below is trying to shake off. This sculpture, it therefore appears, first suggested the name Kailāsa for the temple.

Epigraphic conclusions are also corroborated by archæology in this respect. With regard to the date of this temple on purely architectural grounds, Dr. Burgess makes the following remarks : " No one will probably hesitate to accept this as a fact who is familiar with the plan and details of the great Śaiva temple at Paṭṭadkal near Badāmī. The arrangements of the plan and even the dimensions of the two temples are almost identical. The style is the same, and even the minutest architectural ornaments are so alike as almost to be interchangeable. In fact it would be difficult to find in India two temples so like one another, making allowance, of course, for the one being structural and the other cut in the rock, and the one being consequently one storey in height, the other two. Barring these inevitable peculiarities they both might have been erected by the same architect and certainly belong to the same age. What that was has been ascertained from an inscription on the Paṭṭadkal temple, which states that it was erected by the Queen of the second Vikramāditya in the year 733 A. D., and consequently during the reign of Dantidurga, thus confirming the probability, in so far as architectural evidence can do so, that the Kailāsa was excavated during the reign of that monarch."⁴ The building of the temple might have been commenced by Kṛishṇarāja during the reign of Dantidurga but finished when he became king.

IX. The Paramāra King Dharaṇivarāha.

In their accounts of the Paramāras, the chronicles of Mārwaṛ are full of the name of Dharaṇivarāha, who is looked upon as the most famous of the Paramāra princes of Rājputānā. It is reported of him that he made himself master of *nava-koṭ* Mārwaṛ, which he afterwards divided amongst his nine brothers. The *chhappaya-chhanda*, which describes this, and which is known all over Rājputānā, runs thus :—

मंडोवर १ सामंत इवो अजमेर २ सिद्धसुव ।
 गढ पुगल ३ गजमल्ल इवो लोद्ववै ४ भाण भुव ॥
 अल्हपल्ह अरबइ ५ भोजराजा जालंधर ६ ।
 जोगराज धरधाट ७ इवो हांसू पारकर ८ ॥
 नवकोट किराडू ९ संजुगत थिर पवारहर यथिया ।
 धरणीवराह धर भाइयां कोट वांट जुजू किया ॥

³ *Ep. Ind.*, Vol. IV., p. 337.

⁴ *Cave-Temples of India* by Fergusson and Burgess, p. 453.

I, therefore, began to find out whether the name of Dharaṇivarāha could be traced in any of the Rājputānā inscriptions so far discovered. This name was met with by me in the Bijāpūr inscription of Dhavala, the Rāshtrakūṭa prince of Hastikunḍī. Verse 12 represents Dhavala to have given support to Dharaṇivarāha, who had been completely ousted by the Solaṅki king Mūlarāja.⁵ Though no surname was here attached to his name, it was surmised that Dharaṇivarāha here referred to was the celebrated Paramāra king of that name. But it was, after all, a surmise, especially so long as his name was not found in the Paramāra records. Accordingly last year I began to hunt after the name in the inscriptions of the Paramāra kings of western Rājputānā. While going over the Vasantgaḍh inscription of Pūrṇapāla⁶ edited by the late Prof. Kielhorn I came to the mutilated verse No. 5. It is as follows:—

— — — — — श्रीमान्यथोर्वी धृतवान्वराहः ॥

पुत्रोपि तस्मान्महिपालनामा तस्माद्भूद्वधुक एव भूपः ॥ [५]

In the first half of this verse the name of a king is mentioned whose name is lost but who is likened to the Boar. As *Varāha* is the *upamāna* here, what could be the *upameya*, I thought? It suddenly flashed on me that it must be Dharaṇivarāha, and my mind also at once restored the lost line to बभूव तस्माद्वरणीवराहः. I have, therefore, no doubt that this verse contained the name of the celebrated Dharaṇivarāha, though it was not recognised by Professor Kielhorn owing to the first line being completely destroyed.

Mūtā Neṇsī speaks of Dharaṇivarāha as reigning at Kirāḍū, the ancient Kirāṭakūpa. So I asked myself whether this statement of the Mārwaṛ chronicle could be verified by any inscription from Kirāḍū. Kirāḍū is now desolate, and its ruins are spread near the modern village of Hātmā, 16 miles NNW. of Bāḍmer, the principal town of the Mallānī district, Jodhpur State. Here in a temple of Śiva there are three inscriptions, one of which is a Paramāra record.⁷ So I commenced reading it carefully. This record, too, contains several lines highly mutilated. While going over it, I came to verse 8, the first line of which is gone but the second is:—

सिन्धुराजधराधरणीधरधामवान् ।

Here also a king is mentioned and compared to Dharaṇidhara, i. e., Varāha, and just as the latter supported the *dhara* (earth) immersed in *Sindhurāja* (the ocean), so the king also supported the *dhara* (kingdom) of Sindhurāja, i. e., of his forefather of that name. There can hardly be a doubt that the first half of this verse, too, contained the name of Dharaṇivarāha, which by a strange fate has disappeared with the lost portion in this inscription also. There can be no question that the Dharaṇivarāha of the Kirāḍū is identical with the Dharaṇivarāha of the Vasantgaḍh inscription, because the names of the predecessors and successors of both agree.

X.—The Paṭhārī Pillar Inscription of Parabala.

This inscription has been edited by Professor Kielhorn in *Ep. Ind.*, Vol. IX., p. 248 ff. It is of the time of the Rāshtrakūṭa king Parabala, and is dated V. E. 917=A. D. 861. The name of his grandfather was Jejja, whose unnamed elder brother is spoken of as having obtained the kingdom of Lāṭa after defeating the Karṇāṭa soldiers. Jejja's son and Parabala's father was Karkarāja, who put to flight the king Nāgāvaloka and invaded his home. Now who was this Nāgāvaloka? He was undoubtedly 'a ruler of some importance', as Professor Kielhorn says. He is also quite correct in saying that this king is identical with that Nāgāvaloka who is mentioned in verse 18 of the Harsha inscription of Vīgraharāja,⁸ in terms which would imply that he was the overlord, and who certainly was a contemporary of the Chāhamāna Gūvaka I. Vīgraharāja was six generations removed from Gūvaka I, and for the former we have the date 970 A. D. We have thus to assign the period A. D. 816-838 to Gūvaka I, whose contemporary Nāgāvaloka was. This brings Nāgāvaloka so close to Nāgabhaṭa II. (circa 800-25 A. D.) of the imperial Pratihāra dynasty that there can hardly be a doubt as to the latter being referred to by the former name in the Paṭhārī inscription. It is this Nāgāvaloka, therefore, whom Parabala's father, Karkarāja, is represented to have

⁵ *Ep. Ind.*, Vol. X., p. 21. v. 12.

⁶ *Ibid.*, Vol. IX., p. 13.

⁷ This inscription has not yet been published.

⁸ *Ep. Ind.*, Vol. II., p. 121; but the translation given is wrong.

put to flight. We know that Nāgāvaloka or Nāgabhaṭa was a contemporary of and vanquished by Govinda III of the imperial Rāshtrakūṭa dynasty⁹. Karkarāja was in all likelihood a feudatory of Govinda III, and must have accompanied the latter in his expedition against Nāgabhaṭa. And it is no doubt to this defeat of Nāgabhaṭa that reference has been made in the Paṭhārī inscription. That Karkarāja was a feudatory of Govinda III, is rendered all but certain by the fact that an unnamed uncle of the former is represented to have obtained the kingdom of Lāṭa. The only prince of this time who obtained Lāṭa was Indrarāja, brother of Govinda III. The Rāshtrakūṭa records expressly state that one of his acts was to give "the Lāṭa province" to Indrarāja¹⁰. It is, therefore, not unreasonable to suppose that the unnamed uncle of Karkarāja was no other than Indrarāja himself. And the Kārṇāṭa soldiers defeated by him are probably the forces of Stambha (Kambaiya)¹¹ who was at the head of the confederacy of twelve kings that contended against, but were put down by, Govinda III. Indrarāja probably sided with him, and consequently obtained from him the kingdom of Lāṭa for the aid given.

Now, the question arises whether Parabala of our inscription is identical with Parabala, the father-in-law of Dharmapāla of the Pāla dynasty. From the Sanjān copper-plate grant of Amoghavarsha it is clear that Dharmapāla was a contemporary of Govinda III. For the last prince we have dates ranging from A.D. 794 to 808, and the date for Parabala furnished by the Paṭhārī inscription is A.D. 861. Dharmapāla being a contemporary of Govinda III, there is thus a difference of 53 years between Dharmapāla and Parabala. This makes it improbable that the latter was a father-in-law of the former. But on the other hand, we must remember that Dharmapāla had a long reign. According to Tārānātha's account he reigned for at least 64 years. If this statement of Tārānātha is given credence, the improbability of Parabala of our inscription being the father-in-law of Dharmapāla is removed.

One more point may be noticed *en passant*. Professor Kielhorn in his paper notices another Nāgāvaloka. He is mentioned as the supreme ruler in the Hānsot grant of the Chāhamāna chief Bhartṛivaḍḍa¹². It is dated [V. S.] 813 = A.D. 756. This Nāgāvaloka is certainly not the Nāgāvaloka of the Paṭhārī inscription. In my opinion he is to be identified with Nāgabhaṭa I of the same, i.e., imperial Pratihāra dynasty, who has been assigned by Mr. Smith to circa 725-40 A.D. He is credited with having defeated the armies of the *mlechchhas* (barbarians) called Valachas¹³ (Baluchs).

XI. The Paṭodā Grant of the Chalukya king Vinayāditya.

Last year a certain Delhi merchant had brought a set of copper-plates to my father for getting deciphered. They were found, he said, at Paṭodā, in the Panjāb, in the estate of Thākūr Rāmsingh Chohān while some digging operations were being carried on. On inspecting the plates I found that the inscription had been greatly damaged and in some parts entirely destroyed, by verigris. Fortunately for us, enough of the second side of the second plate has been preserved, as that contains the most important portion of the record.

The inscription refers itself to the reign of the *Mahārājādhirāja Paramēśvara Bhaṭṭāraka Vinayāditya Satyāśraya Śrī-Prithivīvallabha*. It is dated Śaka 617, corresponding to the 14th year of his prospering victorious reign. And it records a grant of his, while encamped at Dhāpyapura, to Sagaraśarman, of the Kāśyapa *gotra*, son of Dāmodaraśarman, and grandson of Apaśarman. The grant was made on the 15th of the bright half of Vaiśākha, and consisted of the village of Sthudhirāṭa in the district (*vishaya*) of Uttarāda situated in Chemulya. Chemulya is evidently Chaul in the Kolābā district, Bombay Presidency, and this inscription is an instance of how copper-plate grants belonging to one part travel far and wide, and are found in quite a distant part of the country.

⁹ *Jour. Bomb. As. Soc.*, Vol. XXII, p. 118.

¹⁰ *Bombay Gazetteer*, Vol. I., Pt. II, p. 400.

¹¹ *Ibid.*, p. 395 and p. 397, note 1; *Ep. Ind.*, Vol. VI., p. 197.

¹² *Prog. Report Archaeol. Surv. Ind., Western Circle* for 1907-8, p. 41.

¹³ *Archæological Survey of India, Annual Report* for 1903-4, p. 280, l. 3, where *Balana* is read, but the accompanying photo-litho has distinctly *Valacha*.

A COMPARATIVE GRAMMAR OF DRAVIDIAN LANGUAGES.

BY K. V. SUBBAIYA, M.A., L.T., M.R.A.S., RAJAHMUNDRY.

Lecturer in English, Government College, Rajahmundry.

Nouns.—Number.

Continued from page 189.

1. Dravidian nouns are *inflected* for number. There are two numbers:—*Singular* and *Plural*.

Singular.

2. In all the Dravidian languages, the *primitive* or uncompounded nouns have no distinguishing mark of the singular number. The absence of the plural suffix is indicative of the singular number.

But in the case of the compounded or *derivative* nouns, the gender suffixes themselves indicate the singular number. Thus, *an* and its varieties indicate the masculine singular; *aḷ* and its varieties, the feminine singular; *du* and its varieties, the neuter singular. In short, in all the Dravidian languages, gender and number are conjointly expressed by one and the same termination.

Plural.

3. The plural is of two kinds:—(1) *rational*, (2) *irrational*; and these have different suffixes.

4. In early Dravidian irrational or neuter nouns were not inflected for plural. In Old Tamil, neuter nouns were, as a rule, the same in both the numbers. Even in Middle Tamil, it was considered highly idiomatic not to inflect the neuter noun for the plural number. (*Vide* Tholkāp-piam Sutram 173 of Solladikāram, also Nannūl, Sutram 281.) In the conversational dialect of New Tamil, the neuter singular is used in a plural relation as *nālu māḍu mēygiradu*, four cow grazes—(the translation being literal).

In Brahui, the number of nouns is generally left undefined. In Malto and Kurukh, there is no difference between the neuter singular and the neuter plural. Dr. Caldwell says that in Toda and Coorg neuter nouns have no plural; and it seems that the only words in Toda that are ever pluralised are the pronouns.

Method of Pluralisation.

5. The plural suffix is directly attached to the crude base. Hence it replaces the masculine or feminine suffix in the case of the rational nouns. But as the neuter singular of Dravidian languages is identical with the crude base, the neuter plural suffix is attached directly to the neuter noun.

In some of the rude spoken dialects, such as the Korava and Burganḍi, the rational plural suffix is added to the masculine singular form. (For illustrations see *infra*.)

The Epicene Plural Suffix; (r, ar).

6. The Primitive Dravidian Epicene plural suffix is *r*. It is added directly to the base as in *nār* from *nī*, 'Thou'. It is the plural suffix in a few words in Tamil, Canarese, Malayalam, Telugu and Tulu.

But the usual rational suffix is *ar*. As *āṇ*, 'male', and *āḷ*, 'woman'; became respectively masculine and feminine singular suffixes in their unemphatic forms *an* and *aḷ*, so their plural *ār* also became the rational plural suffix in its unstressed inflexional form *ar*. Thus *āṇ* means 'a man'; *āḷ*, 'a woman'; and *ār*, 'persons,' 'men or women'.

Later on, *ār* the lengthened form of *ar* was also adopted, because the original vowel of the stressed words *āṇ* and *āḷ* was long. Thus *ar* and *ār* are indifferently used as epicene plural suffixes in Old Tamil.

The *ā* of *ār* was often rounded to *ō*; and thus *ār* became *ōr*. This form is common in Tamil and Malayalam.

In the vocative plurals and the second personal pronominal plurals the *a* of *ar* has become *i* through the influence of the front vowel in *nī*. Thus we have the vocative and second person plural suffixes *īr* and *ir*. These were also extended, though only in a few cases, to other nouns:—e.g., *peṇḍi*, 'women'; and *maḡaḷir*, 'men'. These words are found only in Tamil, Malayalam and Canarese.

Mār, which is found in Tamil and Malayalam as a rational plural suffix, is a compound word. It consists of *mā*, 'big'; and *ār* 'persons'. Thus it means 'big persons'. And we actually find that *mār* is used in Tamil and Malayalam as a plural suffix of honour of words denoting 'parents', 'priests', 'kings', etc. In Malayalam, it is used with a wider range of application than in Tamil, and in cases in which an honorific meaning cannot be intended—e.g., *kaḷḷanmār*, 'thieves'. It is likely also that the honorific significance may here satirically be intended. Thus *mār* was considered in early Dravidian as a plural suffix like *ar*; and Sutram 209 Tholkāppiam confounds the future plural termination of verbs *pār* & *mār* with the above honorific *mār*, and thinks that the two are identical. Dr. Gundert, too, makes the same mistake. The verbal plural suffix *par* is used only in the future tense, and by the side of a nasal becomes *mār* as in *enmandr*, 'they will say'; *uṇmār*, 'they will eat it.' etc. Thus the future plural verbal suffix *mār* and the nominal honorific plural word *mār* are entirely distinct. Dr. Caldwell's identification of this *mār* with the Irish *mār* is, of course, based on an erroneous notion that the Dravidian and the Aryan languages are somehow connected.

Var and *bar* are given as epicene plural suffixes by Dr. Kittel in article 119 of his Kannaḍa grammar. But these are not suffixes different from *ar*; *var* is simply *ar* with the homo-organic consonant. Take the example given by him: *ivar*, these men, *ivar* is *i*, these, and *ar*, men; and *v* is the homo-organic consonant developed before *a* in Sandhi. This *v* naturally becomes in most words of Canarese *b* (see my phonology). Thus we have *bar*. The Canarese *anibar*, 'many men', is the same as Tamil *anaiivar*.

Mbar is also one of the plural suffixes given by Dr. Kittel. *Mbar* is *bar* with *m*. This *m* is merely optional, see Sutram 99 of Sabdamāṇidarpaṇa. Further it is found only in the plural forms of neuter nouns generally denoting number or quality: e.g., *kelambar*, 'few men'; *palambar*, 'many men'; *posambar*, 'new men.' Perhaps this nasal *m* is due to the influence of Sanskrit neuters and some Dravidian neuters like *maram*, 'tree', which end in *m*.

Again the Canarese plural suffix *ndir*, given also by Dr. Kittel, is a double suffix. It is composed of *and* and *ir* and means in Telugu where it is *anta* and *antu*, 'whole'. Hence it is itself a plural word, and *andir* or *ndir* is a double plural suffix. *Avandir* 'those men' etc., are due to the influence of Telugu.

Arir is no doubt a double plural being equal to *ar* plus *ir*.

Thus *var*, *bar*, *mbar*, *ndir*, *arir*, of Canarese, are all reduced to the Primitive Dravidian *ar*, and we have also shown that *mār* is a compound of *mā* and *ār*.

To sum up, the Primitive Dravidian *r* is found in the epicene plurals of Tamil, Malayalam, Canarese, Telugu, Tulu, Malto, Kui, and Gōṇḍi; the suffix *ar* is found in Tamil, Malayalam, Canarese, and Kurukh; *ōr* is found in Tamil, Malayalam, Canarese and Naiki.

7. We shall now take each language separately and illustrate the use of the epicene plural suffix in it:—

Tamil.

In Tamil *ar*, *ār*, *ōr*, and *mār* are the rational plural suffixes. We may add to these the rare *ir*, *īr*. Nannūl sums up all these in Sutram 278 under *r*.

Of these *ar* and *ār* are also used as verbal suffixes: *e. g.* *periyar* and *periyār*, 'big men'; *vandanar* and *vandār*, they 'came'; *ar* as a verbal suffix is preceded always by the consonant *n*, while as a nominal suffix, it takes *v* or *y*, the homo-organic Sandhi consonant: *e. g.* *vandanar* 'they came'; but *vandavar*, 'those who came'; also *periyar*, 'big men'. (For explanation see *verbs*.)

Mār and *ōr* are used only as nominal suffixes: *tāy mār*, 'mothers'; *tagappan-mār*, 'fathers'; and *periyōr*, 'big men'. *Mār* is used as a plural suffix of honour of words signifying 'parents', priests, kings, etc.; cf. *perumān*, 'respected person'.

Ir is found only in a few words as *peṇḍir*, 'women', *maḡalir*, 'men,' etc., also *nāyir* and *nīvir*, 'you'.

Or is directly added to *nī*. Hence *nīr*, 'you'.

In the Korava dialect of Tamil, *mār* and *aru* are the plural suffixes:—*tōp-mār*, 'fathers'; *manasarū*, 'men' (*vide L. S.*, p. 319).

Malayalam.

The epicene plural suffixes of Malayalam are *mār*, *ār*, *ar* (*vide* Article 86 in Sheshagiri Prabhu's Grammar). Examples are:—*nārīmār*, 'women'; *tambiyār*, 'younger brothers'; *nāyanār*, 'chief men'.

The demonstratives *avar*, *ivar* and the interrogative *avar* have, as in Tamil, plural suffix *ar*. But the second person plural is *nīṇṇal* and not *nīr* as in Tamil.

Canarese.

Sutram 98 of Śabdamanidarpaṇa gives *ar* as the epicene plural suffix, *e. g.* *arasar*, 'kings'; *dēviyar*, 'goddesses'.

Dr. Kittel, as explained already, gives the following suffixes in Article 119, of his Kannada Grammar under *Ancient Dialect*:—*ar*, *aru*, *or*, *bar*, *mbar*, *var*, *ir*, *arir*, *ndir*: *e. g.* *ivar*, 'these men'; *arasar*, 'kings'; *nūrpadiṁbōr* (in a sasana of 1123 A.D.); *anibar*, 'many men'; *irvar*, 'two men'; *peṇḍir*, 'women'; *akḡaygalir*, 'sisters'; *ivandir*, 'these men'. In the mediæval and the modern dialect, too, these suffixes are given; only they take uniformly the final enunciative *u*.

The forms *palambar*, *kelambar* have already been explained.

Tulu.

Tulu uses *ru* (Brigel 28) as the epicene plural suffix., *e. g.* *naramāni*, 'man,' and *naramānyeru*, 'men'; *kartāve*, 'lord'; *kartāveru*, 'lords.'

Nouns like *kudike*, 'fox', have a double plural suffix, *rlu*, *e. g.* *kudikerlu*, 'foxes.'

The Demonstratives *mēru*, they (proximate) and *āru*, they (remote); as also the second person plural *iru*, you, contain the *r* suffix.

Telugu.

That *ar* or *r* was the epicene plural suffix in Prehistoric Telugu is proved by the existence of a few nouns in New Telugu which take *r* as the plural suffix. Chinnayya Sūri refers to the following words in rules 5, 6, and 7 *ātśīśika paritśīśēdamu* Chapter.

1. Rule 5.

Singular.	Plural.
<i>pagatuḍu</i> , a foe;	<i>pagaturu</i> , foes.
<i>alluḍu</i> , son-in-law;	<i>alluru</i> .
<i>neyyuḍu</i> , a friend;	<i>neyyuru</i> .
<i>mārtuḍu</i> , a foe;	<i>mārturu</i> .

2. Rule 6.

<i>gaṇḍa(n)ḍu</i> , a brave man;	<i>gaṇḍāṇḍru</i> .
<i>miṇḍa(n)ḍu</i> , a paramour;	<i>miṇḍāṇḍru</i>

3. Rule 7.

Words ending in <i>kā(n)ḍu</i> become in plura <i>kārru</i> ; <i>e. g.</i>	
<i>vilukā(n)ḍu</i> , archer;	<i>vilukārru</i> .
<i>vēṭakāḍu</i> , hunter; etc.	<i>vēṭakārru</i> .

All the other nouns have adopted the irrational plural suffix *lu*, a shortening and softening of the Tamil, Malayalam, Canarese, *kaḷ*. Thus in Telugu, the ruling plural suffix, rational and irrational, is *lu*.

The Telugu second and third personal pronouns take *r* in the plural: *mīru*, 'you'; cf. Tamil *nīr-vāru*, *evāru*, and also *tamaru*, meaning respectively they, who, and themselves.

Other North Dravidian languages.

Kurukh forms the plural of rational nouns by adding *ar*. (*Vide* L. S., p. 412.) Thus *āl-ar*, men; *mukhar*, women.

In Malto the rational plural suffix is *r* (L. S., p. 448). Thus *maler*, men; *peler*, women.

In Kui, the rational suffix is *ru*, i.e., masculine plural suffix; for feminine and neuter have another suffix. Thus *dāddā*, elder brother, *dāddāru*, elder brother (L. S., p. 462).

Gōṇḍī. Dr. Grierson has the following interesting note on *ōr*, he, the demonstrative singular of *Gōṇḍī*:—*Ōr* is, however, by origin a plural form, which has become used in the singular, just as the corresponding plural pronoun in connected languages is very commonly used as an honorific singular. The old singular form must have been *ōn*. It is still preserved in the form *ōṇḍu* in the so-called *kōi* of Bastar and Madras Presidency. (L. S., p. 479.) Thus we see that in old *Gōṇḍī* we had *r* as the rational suffix.

In Kōlāmi the usual suffix is *l*. Still in *māsur-ung*, 'to the men,' we have, says Dr. Grierson, apparently a plural suffix *ur*, *r*, for the singular is *mas*, 'man.' (L. S., pp. 562, 564.)

In Naiki we have a rational plural suffix *kōr*. Perhaps this corresponds to *mār* of Tamil and Malayalam, or more correctly to *ōr*. Thus *pōra*, son; *pōrakōr*, sons (L. S., p. 572.)

The Neuter Plural Suffix *gaḷ*.

In Primitive Dravidian, the plural suffix of neuter primitive or uncompounded nouns was *gaḷ*. This is found in its original form in the central and the south Dravidian languages; but in the Northern dialect the guttural *g* has disappeared, and the suffix is reduced to *lu*.

We shall now give the various forms that this suffix has assumed in the different Dravidian dialects:—

Tamil and Malayalam.

In these two languages the suffix is *gaḷ* or *kkaḷ*. *Gaḷ* is used in the case of neuter nouns of more than two syllables, and nouns of two syllables that have a long vowel in the first syllable. In all the other cases *kkaḷ* is used:—e.g., Tamil and Malayalam: *padagu*, boat; *padagugaḷ*, boats; Tamil and Malayalam: *āḍu*, sheep; *āḍugaḷ*, sheep (pl.); *kāḍu*, jungle; *kāḍugaḷ*, 'jungles'; *pā*, flower; *pākkāḷ*, flowers; *paṣu*, cow; *paṣukkāḷ*, cows, etc.

In Malayalam *gaḷ* becomes *ṇaḷ* if the noun should end in a nasal: e.g., *maram*, tree; *maraṇṇaḷ*, trees; *peṇ*, girl; *peṇṇaḷ*, girls; etc. (*Vide* Art. 87, Shashageriprabhu's Vyākarna Mitran.)

Canarese.

Sutram 95 of Sabdamapīḍarpaṇa gives *gaḷ* as the plural suffix of neuter nouns, e.g., *kaṇ*, eye; *kangaḷ*, eyes; *tode*, thigh; *todegaḷ*, thighs; *koḷam*, tank; *koḷamgaḷ*, tanks. Dr. Kittel's grammar, too, gives the same: *gaḷ* in ancient dialect, *gaḷ*, *gaḷu* in mediæval dialect, and *gaḷu* in the modern dialect. But under the ancient dialect he gives also *kaḷ*. The examples are only two:—*kōḷkaḷ*, *nāḷkaḷ*. Evidently the *kaḷ* form must have been very rare.

Tulu.

In Tulu we have as neuter plural suffixes *kūḷu* and *lu* (*Vide* Brigel's Tulu Grammar, Article 32), e.g., *mara*, a tree; *marokūḷu*, trees; *kuri*, a sheep; *kurikūḷu*, sheep; *guru*, a priest; *gurukūḷu*, priests; *pā*, flower; *pākūḷu*, flowers; but *jīva*, life; *jīvoḷu*, lives; *paravāddi*, a prophet; *paravāddiḷu*, prophets; *mēji*, a table; *mējiḷu*, tables; *bēḷe*, work; *bēḷeḷu*, works, etc. It seems possible even in Tulu to apply the rules for the use of *kkaḷ* and *gaḷ* in Tamil and Malayalam. Polysyllabic words of more than two syllables and dissyllabic words which have a long vowel in the first or the second syllable take *lu* and all other words take *kaḷu*. Here in this respect Tulu seems nearer Tamil and Malayalam than Canarese, though Tulu and Canarese both belong to the central Dravidian group. In its use of *lu* it is like Telugu which uses *lu*, the softened form of *lu*.

Telugu.

The usual plural suffix in Telugu is *lu*. (This is also used in the case of rational nouns.) For example, *āvu*, a cow; *āvulu*, cows; *kālu*, leg; *kāllu*, legs, etc.

That *ka* was the plural suffix in Primitive Telugu, i.e., prior to the period of the Great Accent change, and that it was subsequently contracted to *lu* is amply proved by the following words:—

<i>Singular.</i>	<i>Plural.</i>
1. <i>kalanu</i> , a battlefield;	<i>kala(ṇ)kulu</i> .
2. <i>kolanu</i> , a tank;	<i>kola(ṇ)kulu</i> .
3. <i>nerānu</i> , joint;	<i>nerankulu</i> .
4. <i>mṛānu</i> , a tree;	<i>mṛd(n)kulu</i> .
5. <i>kelānu</i> , a side;	<i>kela(n)kulu</i> .
6. <i>koṛānu</i> , a pasture ground;	<i>koṛa(n)kulu</i> .
7. <i>gavanu</i> , an opening;	<i>gavankulu</i> .
8. <i>rēnu</i> , a fig tree;	<i>rē(n)gulu</i> .
9. <i>gānu</i> , a kind of vegetable;	<i>gō(n)gulu</i> .

In these words *kulu* is regularly added to the singular.

The analogy of words taking *lu* only in the plural led to the false conclusion that *k* in *ka* or *kulu* must be a part of the singular and not of the plural. Hence many false singulars with final *k* were formed; and the old regular singulars without *k*, which exactly corresponded to the Kindred form in other languages, were replaced by these false forms:—

	Telugu Plural.	Telugu Singular.	Tamil Singular.
1	<i>ēnugulu</i> , elephants	<i>ēnugu</i>	<i>ānāi</i> .
2	<i>pīnugulu</i> , corpses	<i>pīnugu</i>	<i>pīnam</i> .
3	<i>aḍuqulu</i> , feet	<i>aḍugu</i>	<i>aḍi</i> .
4	<i>maḍugulu</i> , folds	<i>maḍugu</i>	<i>maḍi</i> .
5	<i>koṅgulu</i> , branches or leaves... ..	<i>koṅgu</i>	<i>unḱai</i> .
6	<i>elukalu</i> , rats... ..	<i>eluka</i>	<i>eli</i> .
7	<i>iṣilukalu</i> , parrot	<i>iṣiluka</i>	<i>kiṭi</i> .

In these cases the Telugu singular has a *k* or *g* which is not found in the Tamil singulars. But the plurals exactly correspond. So it is evident that the *k* of the Telugu singular belongs to the plural.

Other Spoken Dialects.

Malto, Brahuī, and Kurukh have the same form in the singular and the plural as Old Tamil. (*Vide* L. S., pp. 412, 448 and 622.)

In the other dialects *ga* has worn out to *ga*, i.e., its final syllable *lu* is lost. Sometimes this *g* is added to the masculine singular ending *n*, and we have the plural *nga*. This is due to the extension of *ga* to the rational nouns also.

In Gōṇḍi the suffixes are *k* and *ṇg*, e. g., *kāl-k*, feet; *maṭṭā-ṇg*, mountains. When a word ends in *r* preceded by a long vowel, then *r* becomes *ḥ*:—*mīār*, daughters; *mīdḥk*, daughters. Some are irregular:—*ālḥ*, rat; *ālḥ*, rats; *kaller=rk* is a double plural having *r* and *k*. (*Vide* L. S., p. 479.)

Korava, a dialect of Tamil, has *ga*, *ga*, *nga* as neuter plural suffixes. It has also rational suffixes, *mār* and *aru*: (L. S., p. 319) *āvanga*, cows; *māḍanga*, bulls.

Kaikāḍi and Burgaṇḍi (also dialects of Tamil) have *ang* as neuter plural suffix. Kaikāḍi has also *ga*:—*kudri*, horse: *kudriyaṅg*, horses; *nāy*, a dog; *nāyaṅg*, dogs. These dialects have no separate rational plural suffixes. The above suffixes are also used as epicene suffixes. (*Vide* L. S. pp. 334 and 343.)

To sum up, the neuter plural suffix of primitive or uncompounded nouns is *gaḷ* or *kaḷ* in Tamil and Malayalam, *gaḷ* and *kaḷ* in Canarese, *kuḷu* and *lu* in Tulu, *lu* in Telugu, and *k*, *ga*, or *ṅga* in Korava, Kaikadi, Burguṇḍi, and Gōṇḍi. Brahui has sometimes *t*. Malto, Kurak^h, and Bruhui have the same form in the singular and the plural.

(b) *Neuter Plural Suffix in a.*

Besides the neuter plural in *gaḷ* with its varieties, we find in all the Dravidian languages a neuter plural in short *a*. But the following is the difference in use between the two suffixes:—

- (1) *Gaḷ* is the neuter plural suffix of primitive or uncompounded nouns, while *a* is the neuter plural suffix of compounded or derivative nouns.
- (2) *Gaḷ* has a tendency in most languages to replace the rational plural suffix, and is often found compounded with it, while *a* has remained purely a neuter plural suffix of compounded words.
- (3) *Gaḷ* is not used as the verbal suffix of plurality, while *a*, like other suffixes of derivative nouns (*aṇ*, *aḷ*, *ar*), is used also as a verbal suffix.

We shall now treat of its various forms in the different Dravidian dialects:—

Tamil.

In Old and Middle Tamil the neuter plural suffix of compounded nouns is *a*:—*ariya*, rare things; *śiriya*, small things. This *a* very early became *ai*, as it is found in the demonstrative and the interrogative pronouns:—*avai*, they; *evai*, what; etc. Gradually this *ai* form was extended also to other words. Thus Old Tamil *ariya* and *śiriya* became *areyuvai* and *śireyuvai* in Middle Tamil. In New Tamil *gaḷ*, the primitive neuter suffix, was added to *ai*. Thus we have, *avaigal*, *ariyavaigal*, etc.

Dr. Caldwell is right in thinking that *pala*, *śila*, *piṛa*, etc., when they are used as nouns, may contain the neuter plural suffix *a*. The final *a* of these words is not to be confounded with the adjectival suffix *a*.

Malayalam.

Malayalam faithfully preserves this suffix in its original form, *a*. We have, *ava*, they; *iva*, these; *eva*, what. We have also the double plural form *agaḷ*. Thus *avagaḷ*, *evagaḷ*, etc., are also found.

Canarese.

In Canarese this *a* becomes *u*, which in Sandhi becomes *vu* with the homo-organic consonant. Thus we have *aru*, they; *ivu*, these; *peṛavu*, others; *pallavu*, many things. In verbal forms, too, we find *u* (which becomes *vu*); e. g., *kēḷḍapuva*, they hear.

Tulu.

The Tulu demonstratives and interrogatives are so contracted that it is impossible to say if they contain this neuter plural suffix. But the existence of this *a* as a plural verbal suffix of neuters points out to the existence of the normal suffix *a* also in very early Tulu. Compare the following verbs: *muḷpuṇḍu*, it makes; *muḷpuva*, they make; *maḷtuṇḍu*, it made; *maḷta*, they made.

Double or Mixed Plural Suffixes.

For a long time (till about the 7th century) the distinction between the rational and irrational suffixes was carefully preserved. But gradually the rational suffixes *r*, *aru*, etc., were used to denote honorific singulars; and hence it became necessary to add to these words another suffix denoting plurality. The suffix that was used in all such cases was *gaḷ*. Thus we have in all languages a double or mixed plural, form: e. g., Tamil, *avargaḷ*, *dēvargaḷ*, etc. Malayalam: *avargal*, etc. Canarese: *avargalu*, etc. Telugu: *vāralu* and *vāḷḷu*, etc. Tulu: In this, *r* has disappeared and we have, *āḷkulu* those men.

Further *kaḷ* or *gaḷ* was extended to neuter nouns as well. Thus we have *avaigal*, *evaigal*, etc., in Tamil; *avagaḷ*, *evagaḷ*, etc., in Malayalam; *avagaḷu*, etc., in Canarese and *aikulu*, they, in Tulu.

GABRIEL BOUGHTON AND THE GRANT OF TRADING PRIVILEGES TO THE ENGLISH IN BENGAL.

BY W. FOSTER.

MOST writers on the early history of British trade in Bengal have repeated (with more or less reserve) the picturesque story according to which the concessions, that enabled the East India Company's servants to establish factories and to trade duty-free in that province, were obtained through the magnanimity of a surgeon named Boughton, who, having cured, first an imperial princess, and then one of the consorts of Prince Shujâ, the Viceroy of Bengal, declined to receive any personal remuneration, but begged that in lieu thereof his fellow countrymen might be granted the commercial privileges they had long desired. The story has been traced by Sir Henry Yule (*Hedges' Diary*, Vol. III, p. 167) to Major Charles Stewart's *History of Bengal* (1813), where it is given as follows (p. 251):—

“In the year of the Hegira 1046 [A. D. 1636 *in margin*] a daughter of the Emperor Shah Jehan having been dreadfully burnt, by her clothes catching fire, an express was sent to Surat, through the recommendation of the vizier Assud Khan, to desire the assistance of an European surgeon. For this service the Council at Surat nominated Mr. Gabriel Boughton, surgeon of the ship *Hopewell*, who immediately proceeded to the Emperor's camp, then in the Dekkan, and had the good fortune to cure the young Princess of the effects of her accident. Mr. Boughton, in consequence, became a great favourite at Court; and, having been desired to name his reward, he, with that liberality which characterizes Britons, sought not for any private emolument, but solicited that his nation might have liberty to trade, free of all duties, to Bengal, and to establish factories in that country. His request was complied with, and he was furnished with the means of travelling across the country to Bengal. Upon his arrival in that province, he proceeded to Pipley; and, in the year 1048 [A. D. 1638 *in margin*] an English ship happening to arrive in that port, he, in virtue of the Emperor's firman¹, and the privileges granted to him, negotiated the whole of the concerns of that vessel without the payment of any duties. In the following year, the Prince Shujâa having taken possession of the government, Mr. Boughton proceeded to Rajmahal, to pay his respects to his Royal Highness: he was most graciously received; and one of the ladies of the *haram* being then indisposed with a complaint in her side, the English surgeon was again employed, and had the good fortune to accelerate her recovery. Owing to this event, Mr. Boughton was held in high estimation at the Court of Rajmahal; and, by his influence with the Prince, was enabled to carry into effect the orders of the Emperor, which might otherwise have been cavilled at, or, by some underhand method, have been rendered nugatory. In the year 1050 [A. D. 1640 *in margin*] the same ship returned from England and brought out a Mr. Bridgeman and some other persons, for the purpose of establishing factories in Bengal. Mr. Boughton, having represented the circumstance to the Prince, was ordered to send for Mr. Bridgeman: that gentleman, in consequence, went to Rajmahal, was introduced to the Prince, and obtained an order to establish, in addition to that at Pipley, factories at Ballasore and Hoogly.² Some time after this event, Mr. Boughton died; but the Prince still continued his liberality and kindness to the English.”

¹ Stewart explains that this was the *farmân* received at Surat in February, 1634, giving the English permission to trade in Bengal, using Pippli as their port of entry. (See *The English Factories in India*, 1634-36, p. XXXV.)

² Stewart here appends: ‘See *East India Records*, Vol. XIV, p. 22’—a reference which no one has succeeded in explaining. There is no such series now at the India Office, nor is there any evidence of its having existed at the East India House; and it cannot be linked in any way with the Memorandum mentioned on the next page.

"This extract from Stewart," says Yule, "furnishes the earliest version that I have been able to find of this story in its completeness, and it has become the staple of the popular historians, but I cannot trace it to any accessible authority"; and after pointing out the impossibility of Boughton's deputation having had any connexion with the accident to the Princess Jahânârâ, he concludes: "If it be allowable to form a conjecture, mine would be that one of Stewart's native authorities may have 'combined the information' as to the lady's accident and Boughton's mission (the latter derived from some European source), and that Stewart had adopted this without inquiry."

Apparently Yule had not noticed that much the same account had been given by Orme in the second volume of his *History of the Military Transactions of the British Nation in Indostan*, published in 1778. Here (p. 8), speaking of Bengal, Orme says:—

"The trade of this country was opened to the English by means of a surgeon named Boughton, who in 1636 was sent from Surat to Agra to attend a daughter of the Emperor Shâw Jehan, whom he cured, and the Emperor, besides other favours, granted him a patent to trade free of customs throughout his dominions, with which Boughton proceeded to Bengal, intending to purchase goods in this province and to carry them by sea to Surat. His patent would probably have been little regarded, if the Nabob of the province had not wanted his assistance to cure one of his favourite women, whom he likewise recovered, on which the Nabob prevailed on him to remain in his service, giving him an ample stipend, and confirming the privilege of trade which he had obtained at Agra, with a promise to extend it to all others of the English nation who should come to Bengal. Boughton wrote an account of his influence to the English governor at Surat, by whose advice the Company in 1640 sent two ships from England to Bengal, the agents of which, being introduced to the Nabob by Boughton, were received with courtesy and assisted in their mercantile transactions; and the advantages gained by this trial gave encouragement to prosecute the trade."

Clearly, Stewart did not take his version from this, for his is the more detailed account; but the resemblance between the two is sufficiently close to warrant our concluding that both made use of the same authority. What then was this common source? We are guided to an answer by an examination of the *Orme MSS.* in the India Office Library, where, among the materials used by the historian, will be found two copies (*India*, Vol. VII, p. 1726, and *O. V.* 12, p. 1^a) of an unsigned memorandum, dated February, 1685, on the origin of the East India Company's privileges in Bengal. To one of these Orme has prefixed a note that it was copied from a document "by an uncertain hand, who appears to have been one of the Company's agents in Bengal during the Agency of Job Chanock; which I, R. O., first discovered in the East India House, in a book intitled *Fort St. George Letters Received*, from the 28th July, 1687, to 18th February, 1687-88."

This reference is precise enough to enable us to trace the memorandum among the India Office records, in what is now *Factory Records: Fort St. George*, Vol. XXX (p. 35). The volume containing it is one sent home from Madras in 1688 for the information of the Company, and comprises (as noted by Orme) copies of letters received at that Presidency between July, 1687, and the following February. The document in question, though dated in 1685, is entered without comment among letters received in September, 1687; but there is a possible explanation of this. It follows a letter from Thomas Davies, the interloper, protesting against his being kept a prisoner; and, as it contains an accusation against him of being partly responsible for the troubles experienced

* I am indebted to Mr. S. C. Hill for this reference. My attention had, however, been previously drawn by Miss Anstey to the early copy among the records relating to Fort St. George from which Orme's transcript were made.

by the Company in Bengal, it may have been recorded at this point in justification of his detention. Otherwise, one may guess, it would never have been entered at all, since it was not in the nature of a letter. Of the fate of the original, by the way, nothing can be traced. Apparently it is no longer among the records at Madras.

The document is of such interest that it is worth quoting in full, premising that, while the spelling remains unaltered, as regards the punctuation and the employment of capital letters we follow modern methods.

*A breif accountt of the rice and tenor of the Honourable English East India
Companies priviledges, together [with] their losses of them
and their present case as to the customs.
Feb. Anno 1684 [i.e., 1685].*

About the year 1636 there was one Gabriel Boughton, a chyrurgeon, at Madrass (in the time of Agent Cockaine), who design'd home for England, and according took his passage upon the *Hopewell*, Captain Gage commander, and near the Cape mett with very bad weather and in the storm the said ship sprang a leak, which to save themselves they threw overboard their lading, and made for the Moritious; where they arrived and mett with the ship *Dolphin*, Captain Proud commander, which ship in bad weather had lost her masts; at which place both ships being fitted they went for Suratt. Mr. Boughton, haveing lost all that he had, tarried at Suratt; during which stay Assut Chaune, the Emperours Buxy, writt to Suratt for a chirurgeon to come to court; the Emperours daughter, by accident haveing her clothes set on fire, was burnt, for the cure of whom a chirurgeon was sent for. Mr. Boughton went and performed the cure. He was much made off, and allowed 7 rupies per diem and invited to serve the Emperour; but Mr. Boughton did not like to stay, and after some time travelled most part of India, and at last came down into Bengall. The Prince Shaw Sujah then residing at Rajamaule, Mr. Boughton went thither. He had been there but a little while, when he was taken notice off by a great person that had seen him at the Emperours court, while he was performing the cure upon the Emperours daughter. And at that time there was one of the Princes concubines, which woman the Prince greatly loved, had a great pain in her side, and could find no cure. The said great person acquaints the Prince that there was a chyrurgeon in the town that had wrought a great cure on the Emperours daughter; upon which the Prince sent for Mr. Boughton, who undertoke the cure and succeeded, curing the woman in a very short time; upon which Mr. Boughton was in very great favour and allowed by the Prince 10 rups. per diem. This Prince, Shaw Sujah, was the present Emperours elder brother, and had given him by his father the government and all the revenues of the provinces of Bengalla and Orissa. He offers Mr. Boughton, if he would trade, he should be free from paying of custom and all other duties, and gave Mr. Boughton two neshauans [*nishān*, an order] to that end. Mr. Boughton thereupon came down to Piply, and by a Moors ship then bound for Suratt writ to the President there and gave an account of all goods and merchandize that he could learn were here to be had. The President received the letter, and about two years after came a ship from England, whereof was commander Captain Brookhaven, and upon the account of Mr. Boughtons neshauans was free of all duties. He was at Hugly and bought severall goods and returnd; and after two year came the second time, and brought Mr. Bridgman Cheif, and severall others, to settle factories. And upon their arrivall Captain Brookhaven writt to Mr. Boughton, being then with the Prince at Rajamaule, that he was come to settle factories.

Mr. Boughton forthwith sent down his servant James Price to Hugly to fetch Mr. Bridgman up to the Prince; who accordingly went up, and was presented by Mr. Boughton to the Prince, to whom Mr. Bridgman made a present of some rarities; and Mr. Boughton took that opportunity to speak to the Prince for his neshouns for Mr. Bridgman to trade freely without the paying of custome or any other duties. The Prince gave it, upon Mr. Boughtons request; upon which neshoun Mr. Bridgman settled factories at Ballasore, Hugly, etc., which lasted till the United Company broke up. When the United Company broke up, there was one Mr. Paul Walgrave Cheif of Bengall, who went from Ballasore over land to Metchlepatam [Masulipatam], and in the way was rob'd and lost the Princes neshoun, with several perwannas [*Parwāna*, a grant or order] grounded upon it. There was at that time a Company that went under the name of Maurice Thompsons Company here; for whom there was Mr. Billadge, Gardon and Chamberlaine, to whom joyned Mr. Blak, one that was the old Companies servant. But they haveing neither neshoun nor perwanna, and Mr. Boughton dying about that time, they apply themselves to James Price, that was Mr. Boughtons servant and well acquainted at the Princes court, to endeavour to procure the Princes neshoun; which said James Price undertook to do them what service he could, and went up with Mr. Billadge from Ballasore to Rajamaulle, and did sollicite for the Princes neshoun now in our hands, which they and this present Company after them had and did hold those priviledges during the Prince Shaw Sujahs time. But it was but little time before the King, the youngest brother, by severall stratagems got the crown; which no sooner he did posses but he sought Shaw Sujahs (his brothers) life, sent a great army down to take him. Shaw Sujah fled to Arracca [*i. e.*, Arakan] where tis said he was kill'd. The King made Meer Jumle (the Generall that came down with the army) Nabob. Trad being small, and the English few, by presents he allow'd the English to go on. He continued about four years. After him, about the year fifty-nine, came Daud Chawn [Dâûd Khân] to be Nabob. Still, the trade being small, etc., he allow'd the English free trade, being presented. The next was Shaw Esta Chawn [Shâista Khân], the present Nabob, who by presents was conduced to connive at the English free trade for about 16 years. The same Shaw-Esta-Chawn being Nabob from the year 1660 to 1677, was then turn'd out. Then came Sultan Azum, the present Emperours son, to be the Nabob; and at that time was Hodge Shuffy Chaun [Hâjî Sûfi Khân] Duan [*i. e.*, Dîwân] and a great freind to the English, who by appleyation made to him did greatly favour the English in procuring the Princes neshoun to be custome free, which was granted anno [*blank*]. But the Prince continued but for one year, and Shaw-Esta-Chawn, the present Nabob, return'd again; and returning (being a most covetous man) came exceeding eager now to make the best of his time. And finding that the Moors and Mogulls were not for his turne, being a lazy people and given to their pleasure, he finds out a crafty fellow, a Gentue [*i. e.*, Hindu] (who of all men are most cruell when they gett in power), a person suited every way to the said Nabobs temper and inclination, whose name was Boolchaund [Balchand]. This person racks the people, gives the Companies affairs great disturbance; so that it was thought adviceable that a Vuckell [*wakil*, an agent] should be sent to endeavour to get the Kings phirmand [*farmân*, an order], they never haveing any law for the Companies priviledges; considering that the Nabob of Behar, residing in Battana [Patna], would never take any notice of any of the neshouns or perwannas of the Princes and Nabobs of Bengalla, but alwayes gave great disturbance. The latter end of anno 1678 a Vuckell was sent to the

Emperour, to get his phirmaund ; who after some time had admittance to present his petition, which concerned principally those two things : first, that the English paying custome 2 per cent., and jeidge [*jizya*, poll-tax] $1\frac{1}{2}$ per cent. at Surrat, they should be free of custom in all other places of his Empire ; secondly, that there should be no rewannas [*rawānah*] or writing demanded of what goods or merchandize for quantity or quality the English ship of. The petition was received and accordingly there was drawn up a phirmaund and presented to the Emperour. The Emperour read it and, it being incerted according to the petition that, there being paid 2 per cent. custom and $1\frac{1}{2}$ per cent. jeidga at Surrat, the English should be free of custome, etc., in all other places, and that no writing [be ?] demanded of the English in any other place then Suratt, the former (*viz.*, 'should be free of custome in all other places') the King struck out with his own hand, and added 'let not one hinder or molest them.' The latter (*viz.*, 'that no writing should be demanded of the English in any other place') the Emperour struck that quit out and added nothing. This I find the Vuckell adviseth Mr. Vincent, who returns an answer to this effect : 'if he could not gett it as he would, should gett it as he could.' The Vuckeel procures the phirmaund at great expence and sends [it ?], which arrivd here in anno 1680: which phirmaund was thought by many not of much value. A translate of said phirmaund follows :

In the name of God, amen. To all present and future rulers in Surrat that remain in the hopes of the Emperours favour. Be it known that at this happy birth of time it is agreed of the English Nation, besides their usuall custom of 2 per cent. for their goods, more $1\frac{1}{2}$ jeidge or polemony shall be taken. Wherefore it is commanded that in the said place, from the 1st day of Shuval in the 23d year of our reign, of the said people there [*should be three*] and a half rupees per cent. of all their goods on account of custome and polemony be taken for the future ; and [at ?] all other places upon this account let no one hinder or molest them for custom, rawdarree, peashcum, phirmaish,⁴ and other matters by the Emperours court forbidden ; not [nor ?] to make any demands in these particulars ; observe. Written the 23d day of the month Suffer in the year twenty three.

When the phirmaund came, though there was a dispute upon it, yet, Hodges Suffy Chaun being our friend, a perwanna was obtained of the Nabob and said Duan Hodgee Suffy Chaun for free passing our goodes upon the phirmaunde, interpreting the said phirmaund in our favour ; and accordingly for the following years the Honble Companies affairs were not molested. But the next year Boolchund, having a copy of the said phirmand, puts a stop upon all affaires and gives great trouble, saying the phirmaund doth not at all concerne this place, it being directly to the Governours of Surrat, and the meaning was that those that paid custome at Surrat should not be molested in any other place, and if we would have a rewanna that we had paid custom at Surrat, he would not require it for what goods we imported : and thereupon sends a copy of the said phirmaund to the Nabob with his interpretation of it, and withall informs the Nabob the English, under a pretence that they were freed of custome by the Kings phirmaunde, give their dusticks [*dastak*, a pass] to the natives of the Kings subjects and vassalls, by which means the King was defrauded of his revenue. At which the Dutch set in and excite the Governour, alleadging they have paid four per cent. custome ever since they have been in the country, which amount to a very great sum ; which was hard measure on them when the English go free. The Nabob writes all to the Emperour, and the effect was a husball hookum (or an order) from the

⁴ *Rāhdārī*, transit dues ; *peschkash*, presents ; *farmāish*, commission.

Emperour to Hodgee Suffy Chaun, his Duan, to take of us $2\frac{1}{2}$ per cent. custome; which came down the begining of anno 1682, a little before Agent Hedges etc. arrivall, who found a stop upon all the Honourable Companies affairs. And that which confirmed the stop was Mr. Vincents complying with the orders, paying 5 per cent. custome, which was exacted from them. A little before Agent Hedges etc. arrival Mr. Vincent had dispatcht a Vukeel to court, who was proceeded as far as Pattana when Mr. Pitt in the *Crown* arriv'd, upon whose arrivall Mr. Vincent orders the Vukell to stay there till further order. When it was made known to the said Agent Hedges that there was a Vukeel going to court, he, having a design to go to Dacca, pleads the great expence, hath it collected, and calls a Consultation and there aggravates the expence and lenght of time etc., as may be seen in a Consultation September 25, 1682. And having framed his designs to serve himself, as well in that particular as many others, he dissembled matters so artificially that an honest mind could not entertain any thought of his hypocrisy; but it appeared by the event that to serve himself was his design, and therefore the Vuckeel was remanded back. And to Dacca the said Agent goes and spends near 50,000 rs. and only obtains 7 months time (we giving in bills of entry at Hugly of all goods shipt off) to try what could be done in the procuring a phirmaunde (but did no more towards it then to trust the Nabobs promise to write on our behalf); and if a phirmaund could not be procur'd in said 7 months then he yeilded to pay custome etc.; and give [gave?] the security of a merchant at Dacca (which trap it was thought was laid for him), into whose hands was deposited 20,000 rs. for counter security. After the 7 months was some time expired and no phirmaund came, the said merchant (into whose hands was deposited the 20,000 rs.) paises the custome upon the tallicaes [*talika*] (or bills of entry), which were giving [sic] during the said 7 months, which was for the goods that went home per *Defence* and *Society* etc.: the depositing the 20,000 rs. being a contrivance to draw into the fact, that they might have it entered into the Kings books that we had yeilded to pay custome and so be a president for the future, presidents in all cases being what these people build greatly upon, which they always plead as we do prescriptions in England. This paying of custome, although it was endeavoured to be hid by the Agent, yet it was rumored, and I told the Agent I heard that custom was paid; which as appeared afterwards was a real truth, yet he the said Agent denied it with the greatest aservation. Before the next shipping I told him again I heard that the merchant had paid the custome; the Agent still denied it. After the *Prudent Mary* and the *Herbert* was gone, I told him I heard custome was paid for what we had given our tallicas for in 1683. He still denied, and the said Agent in the first generall by the *Golden Fleece*, at a Consultation, by reading the letters being put hard to it, with great aservation affirme [s] that custome was not paid, when 2 yeares successively he knew it was paid, the 20,000 rs. being a cover to the design; but before the *Golden Fleece* went away, in a second generall he acknowledges custom was paid for the 2 years past, and writes so to the Honourable Company. So that now 3 years successively custom hath been paid for what goods hath been entered; and that which is of vast prejudice to the Honourable Company, in that as well as in other respects, is Mr. Davis his offering to pay custom, as a motive to the procuring the Nabobs perwanna and his protection; who hath procured a perwanna upon those tearms, to build factories in, any place in Bengalla; and these Governours will not understand any difference of parties of the English, pretending more right one then the other.

Dhupkhāl : see *dhonitar*.

Dhurah : the middle-sized dove. Cf. *kowī* and *kamloa*. Kāngra Gloss.

Dhūri : thick mist or cloud. Kāngra Gloss.

Dhurnā, *dhurach*, *dhānerā* : a large spoon in which *dhūp* is burnt. Simla Hills.

Dhusra : a kind of maize with light yellow cobs intermixed with white grains. Cf. *dhusri* and *dagh*. Jullundur S. R., p. 122.

Diālū : *dayālū* = *dayāl*.

Diāpan jag : a movable festival, observed when any man is desirous of holding it. Brahmaas are feasted and given clothes or money. A person having observed fasts on the *ikādashē*, *Ram-naumē*, *janm-ashtmi* days ceases to do so after performing a *diāpan jag*. Simla Hills.

Dibar : ill-drained low-lying land of poor quality, often water-logged. Cf. *chahn*. Hoshiārpur S. R., p. 70.

Dihālū : a large mango fruit. Inside like curds (*dahi*) and not stringy. Hoshiārpur S. R., p. 15.

Dihār : s. m. a holiday, festival.

Diklu : the marten cat. Kāngra Gloss.

Dikra : son. Bauria *argot*.

Dinga : a rake with long iron teeth. Cf. *phāora*. Karnāl S. R. 1880, p. 162.

Dip, **dap** : a fish trap, consisting of a basket with a small hole at the top; bait is put into it to attract fish. Kāngra Gloss.

Dipi : a small bridge (Lāhul), see *trangari*.

Dittā : p.-part of *deuā*.

Diudhī : *dihudī* = *deudhī*.

Diva : a metal or earthen lamp. Sirmūr trans-Giri.

Diwāri : a little door or passage through a wall. Kāngra Gloss.

Doda : a cotton pod, p. 325.

Dodhār : (1) a house occasionally lived in to cultivate land at a distance from one's own house; (2) the house (?) where cattle go to graze on certain hills.

Dodhia : a small mango fruit, white inside like milk (*dūdāh*). Hoshiārpur S. R., p. 16.

Doerah : a milk pot. Sirmūr trans-Giri.

Dogar : a good omen :—two water pots, one on top of the other. Karnāl S. R. 1880, p. 154.

Dohār : see *dhowār*.

Dohki : a small mango fruit, with a strong taste of turpentine. Hoshiārpur S. R., p. 15.

Dohki : a big spoon. Sirmūr trans-Giri.

Dohli : a grant of land set apart rent-free for the benefit of a temple, mosque or shrine, or a piece of land given rent-free to a *paṇḍit* or other member of a religious order. Gurgaon S. R. 1883, p. 88.

Dohlidār : a holder of a *dohli*, q. v. Gurgaon S. R. 1883, p. 88.

Dohr : a large fine blanket. Sirmūr cis-Giri.

Bohra : a man who puts the bundle of canes between the rollers. Hoshiārpur S. R., p. 82.

Dohru : a ladle for oil, *ghi*, &c. Kāngra Gloss.

Dolendhi : the day after the Holi festival. Cf. *phāj*. Karnāl S. R. 1880, p. 150.

Dolera : a wooden spoon with which *gur* is ladled out. Karnāl S. R. 1880, p. 182.

Dhongār : *salvadora oleoides*. Cf. *jāl*. Gurgaon S. R. 1883, p. 12.

Dongwar : a cut male sheep under 4 years of age—see under *bhed*.

Dopahri : breakfast—see under *datiālū*.

Dorū : a gown worn by women in winter ; it covers the whole body, fitting close under the neck. Kāngra S. R., p. 45.

Dosahī : a loose rich soil, quite as productive as the *Rohī*, for being lighter, all agricultural processes, ploughing, levelling and hoeing, are more easily carried on, and from its lightness the land is not so readily encumbered with weeds. Gujranwāla S. R., p. 25.

Dotli : a term used in Kullu to describe the grazing grounds round the villages. *Rirra* is also used. Kāngra Gloss.

Dotri : a young ewe which has not yet lambed—see under *bhed*.

Drabbar : a smooth grassy place or lawn. *Drap* is a species of grass. Kāngra Gloss.

Drap : a species of grass.

Drīrkar : a village official, always a Gaddi by caste, who collected the *langokārd* (q. v.).

Drūn : see *darūn*.

Duār-wāla : a menial who goes with the bridegroom, at the time of marriage—fr. *duār*, a door also called *putriār*. Churāh. Mono.: p. 107.

Dūbh : a grass (*cynodon dactylon*). Karnāl S. R., p. 13.

Dubbain (s. f.) : a great friend of.

Dubkia : a diver. Cf. *chaikan* and *dabolia*. Karnāl S. R. 1880, p. 159.

Duchāb : a low grass, which remains green all the year round and is eaten by cattle, it has long spreading roots which cover the ground in all directions and are difficult to eradicate. Sirsa S. R. 1883, p. 14.

Dudharchar opāhū : a tenant-farmer residing in another village. Cf. *hal chāk*, *bhatrī*, and *oprd*. Kāngra S. R. Review, p. 8.

Dudhi : a white beardless wheat. Cf. *dudh khāni*. Ludhiāna S. R. 1883, p. 113.

Dudh khāni : a white beardless wheat. Cf. *dudhi*. Ludhiāna S. R. 1883, p. 113.

Dūdni : a milk pail. Jullundur S. R., p. 61.

Dugar : a sorcerer, see under *den*.

Duhni : a milk-pot = *doerah*. Sirmūr cis-Giri.

Dulhā : bridegroom, -an, bride, wife.

Dūna : a vessel made of pottery, smaller than the *ghara*, for dipping water. Cf. *thilā* and *gharia*. Karnāl S. R. 1880, p. 121.

Dunun : wasan ; a garlic. Simla S. R., p. 46.

Dunggan : the ears of *jowār* and *bājra*. Sirsa S. R. 1883, p. 252.

Dupātera : a one-stringed musical instrument. Pāngi. (Dopātra).

Durri : a fish (*Pseudeutropius mitchelli*). Karnāl S. R., p. 8.

Dwār : a door. Sirmūr.

Dwatan, or **dehl** : the beam on the floor between the door-posts on which the door shuts. Kāngra Gloss.

Ehhari : lit. a fly flap ; a blue flag on the top of the shrine of the *gūga* pir (the greatest of the snake-kings). Karnāl S. R. 1880, p. 152.

Ek hal kā sājji : a man who has contributed a full plough. Karnāl S. R., p. 112.

Ekar : a sugarcane, which resembles *dhaulū* (whiter, thicker and rather more easily peeled) only with dark coloured lines, the peel is harder, and there is less juice. Hoshiārpur S. R., p. 79.

Farolta : a small basket for holding grain. Simla S. R., p. 45.

Firohī (?) : a fine. Kāngra S. R., p. 63.

Fitā chalnā : to keep along a hill-side—see under *bunh*.

Gāba : a bud of the *jowār*. Karnāl S. R. 1880, p. 187.

Gabhīr = **gambhīr** : an ulcer, syn. *adīth*.

Gad : a mud pillar. Sirsa S. R. 1883, p. 318.

this point, however, the story runs right off the rails—how far may be seen by comparing the following extract from a letter addressed to the East India Company by their President and Council at Surat under date of January 3, 1645 (*India Office Records: O.C.* 1905), which gives the true story of Boughton's deputation to Agra. In excusing themselves for making a larger demand than usual for medical stores, the President and his colleagues explain that an unexpected call has been made upon their resources in this line:—

“Assalant Okaune, a very great Umbra [*umard*], grations with the King and our very good freind, haveing long importuned us to supply him with [a] chirurgeon, wee consideringe how advantageous itt may be unto you, and haveinge a fitt oportunity, one Gabriel Boughten, late chirurgeon of the *Hopewell*, being thereunto very well qualified and being willinge to stay, wee have thought fittinge to designe him to that service; where-with Assal [aut] Okaune is soe well pleased that lately, when Mr. Turner was to leave Agra, he accompanied Mr. Tash and Mr. Turner to the King, who honord them more then ordinary in a long conference he held with them, dismissing them with vests, and sending unto the President a firman and dagger; which not being yett received, wee know not what the former may import⁶ or the latters vawle, but shall hereafter advise.”

As will be seen, nothing is here said about the accident to the Princess Jahânârâ, which, according to our narrative, was the immediate cause of Boughton's journey to Agra; on the contrary, we find that Asâlat Khân (not Asad Khân, who was quite a different person) had long been importunate for an English doctor—doubtless to attend to his own infirmities—and that only the difficulty of finding one who could be spared, and who was willing to accept the employment, had prevented an earlier compliance with his desires. Moreover, apart from this evidence, it has been pointed out by Yule and others that the fire-accident occurred early in 1644—nearly a year before Boughton was despatched; while in any case, as the Court was then at Delhi, it would have been impossible to procure a European surgeon from Surat in time to be of any real service. We must conclude, therefore, that this part of the story is incorrect; and it is noteworthy that Bowrey's slightly earlier version (quoted below) says not a word about Boughton having had anything to do with the cure of the Princess. Further, in neither of them is it asserted that any *farmân* was granted to Boughton by the Emperor.

We next find the English surgeon at the court of Shâh Shujâ, who was then in charge of the province of Bengal. Asâlat Khân is said to have died in 1647; and this may have been the cause of Boughton's seeking a new patron. The account given in the narrative of his having cured a member of the Prince's *haram* may be accepted as probably correct, especially as it is corroborated to some extent by a further traditional account which Sir Henry Yule found in a MS. discourse by a Captain who traded in India about 1669-79.⁷ This account, as printed by Yule (*Hedges' Diary*, Vol. III., p. 183), may here be quoted. After noting that the English were custom-free throughout Bengal, Behar, and Orissa, it proceeds:—

“All which was procured by the ingenuitie of Mr. Gabriel Bowden, one of our owne nation, and a very eminent doctor of phisick, sometime doctor in ordinary to the great warriour

⁶ No reference is made to the *farmân* in later letters, but it appears to have been one for which the factors had applied, laying down the rates at which their export goods were to be valued at Surat.

⁷ The MS. has since been published by the Hakluyt Society under the title of *A Geographical Account of the Countries round the Bay of Bengal, 1669 to 1679, by Thomas Bowrey*. Sir Richard Temple, who edited the work, considered that the passage quoted above was Stewart's authority for his story of Boughton's mission; but, apart from the notable discrepancies between the two accounts, there is no evidence that Stewart was aware of the existence of Bowrey's manuscript, while on the other hand he expressly acknowledges his indebtedness to the East India House records.

Emir Jumla,⁸ who tooke a very great affection towards him, and was most courteous and free to him. And especially upon a notable cure of his owne lady performed (under God) by the doctor, the Nabob, callinge for him, ordered him att that instant to demand what he wold have given him or had most likeinge to and it should be granted in consideration of his loyal service and care of the best of his familie. The doctor, highly surprised with this great person's generositie, soone considered upon it, yett soe as not to be greedy of any present gaine (onely for himselfe), and now in the best of time requested that the English nation might settle factories in what parts of the kingdomes they pleased, and be free off all duties and customes, which then was four per cent. in and the like out for all the goods dealt in. The which was noe sooner demanded but as readily granted, with phyrmands in the Persian languadge that the English nation should hold that priviledge soe longe as they pleased to live and settle in these dominions, and many other rewards liberally bestowed upon the doctor (one beinge very rare amonge the Mahometants). "

It will be observed that the two narratives differ as to the nature of the privileges obtained by Boughton, Bowrey's account representing that they were general to the English, while the other implies that they were special concessions to Boughton himself, though they were made to cover the transactions of Brookhaven in his first voyage. The latter version is the more likely, and it is supported by a document quoted by Yule (*loc. cit.* p. 184) relative to Brookhaven's second visit. This is a set of instructions to James Bridgeman and other merchants, whom Brookhaven was sending up from Balasore (December, 1650) to start a factory at Hugli; and in them stress is laid upon the necessity of obtaining a *farmān* from Shāh Shujā for trade in Bengal—a clear proof that no general concession had yet been obtained from the Prince—and reference is made to certain promises received from "Mr. Gabriel Boughton, chirurgeon to the Prince," of assistance herein. The statement in our narrative that Bridgeman and his colleagues were successful in obtaining the desired grant is borne out by a letter from Madras dated January 14, 1652 (*O. C.* 2246), which says that "our freinds there [*i. e.*, in Bengal] have bin at the expence of 3,000 rups. at least to procure the Princes firmand for free trade in his dominions; which, if it can bee mainetained in its full vigour will in short time quite [*i. e.*, quit] the charge." Presumably this was the *farmān* that was lost by Waldegrave; whereupon a fresh grant was procured by the interlopers Gawton and Billidge, *viz.*, the well-known *nishān* of April, 1656.

The loss of the *farmān* is narrated as follows in a letter from Madras to the Company dated November 10 and 22, 1656 (*O. C.* 2579):—

"Mr. George Gawton, who hath also settled a factory in Ballasore, with eight or nine assistants, and procured a new phirmand for trade, that of Your Worships being lost, together with all the Bay accompts and papers, by Mr. Waldegrave; who, being very sicke at the ships departure, could not come by sea but followed after by land, bringing the said phirmand, accompts, etc., with him, without leaving coppies behind in the factorie, recommended to the broker Narrana his charge, as hee ought to have done (having sent none by the ships) in regard of the dangers incident to soe long a journey and the troubles on the way, some of our English etc. people having byn robbd and wounded not many months before betweene Verasheroone and Vizagapatam; which

⁸ This is a mistake. Mir Jumla did not come to Bengal until after Boughton's death. The error may have been due to the fact that Mir Jumla, as mentioned later, confirmed Shāh Shujā's grant.

last place Mr. Waldegrave, accompanied with Capt. Durson and Thomas Wilson etc. servants having passed, about two daies journey on this side were sett on by other theeves, wounded, and robbed of all about them to their very clothes; in which disaster the said papers were lost, and could never since bee heard of, though Mr. Waldegrave himselfe staid some daies behind to make enquiry after them, and Mr. Winter since by our order sent purposely others to looke for them."

The date of Boughton's death is unknown. There is reason to believe that he was still alive in January, 1652, when two small vessels, in whose lading he had an interest, started from Bengal for Persia; but he was certainly dead by the summer of the following year. A letter from Paul Waldegrave at Balasore to the President at Surat, dated August 17, 1653 (*O.C.* 2336), referring to this venture, says:—

"Mr. Boughton had a great share therein, who died in debt to one Churmull, a shroff in Puttanah [Patna], betweene 5 and 6,000 rupes. with its interest; and from whome wee have often received very many troublesome solicitacions for payment or securitie for that debt, hee [Boughton] being then under the nocion of the Companies servant and did their bussinesse in Puttanah that yeare."

Other claims were made upon the estate, particularly by William Pitt or Pitts, who had married "a Mogullana or Morish woman, the relict of Gabriell Boughton" (*O.C.* 2610). With this glimpse of Boughton's domestic arrangements we must here take our leave of him.

It would lead us too far to follow the unknown writer's account of transactions in Bengal subsequent to the viceroyalty of Shâh Shujâ; and it must suffice to warn the reader that the dates—doubtless given from memory—are approximate merely, and that there is an evident animus on the part of the writer (whom we have already guessed to have been John Beard) against Agent Hedges. It is quite possible, by the way, that the note was penned for the information of President Gyfford, who came from Madras to displace Hedges and at his departure left Beard in charge of the Bengal factories.

We may conclude by citing an interesting passage in the Court Minutes of the East India Company, to which attention was first drawn by Sir Richard Temple in his edition of Bowrey's work (p. 234). It is from a report made to the Court on September 4, 1674, by a Committee specially appointed to investigate the question of trade in Bengal; and it gives the following account (based, it would seem, on hearsay mostly) of the origin of that commerce:—

"We have discussed with Mr. [Shem] Bridges and others concerning the phirmaund or patent for trade granted the English by the Prince of Bengala; and we find that it was first procured by one Mr. Bowden, a chyrurgeon, and gave the English onely a libertie to trade, paying custom according to the King's phirmand, but was altered and made to pay noe custom according to the King's phirmand: that afterwards there was another phirmand, thought to be more advantageous to the trade of the English, procured by Mr. Gauton and Billidge, by which the English enjoyed the privilege of trading custom free (but still according to the King's phirmand) till the King [*sic*] fled out of Bengal: after which, and in Mr. Trevisa's time, the Nabob Mozam Cawne (formerly called Meere Jumbla) confirmed to the English the privilege of trading custom free, for all goods in and exported, by his perwana: which privilege was again confirmed by Shaster Cawne, the present Nabob of Bengal, in Mr. Blake's time."

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY.

SERIES III.

BY H. A. ROSE, I.C.S.

(Continued from p. 235.)

Dhaunchi: wheat liable to smut. Karnâl S. R., 1880, p. 189.**Dhāwan**: bellows. Sirsa S. R., 1883, p. 106.**Dhejū**: a widower when he marries again. Karnâl S. R., 1880, p. 135.**Dheū** (*Artocarpus integrifolia*): the jack-fruit tree. Hoshiārpur S. R., p. 13.**Dhi dhain** (fr. *dhi*—a daughter and *dhain* or *dhæn*—a girl of the village). Hence daughters of the village are called *dhi-dhæn*. Simla Hills.**Dhihālu**: a small earthen pot: a big one is called *hāndi*, and a middle sized one *hāndū*. The *dhihālu* used to carry small presents of curds, *ghi*, &c., which a man takes to a friend or a patron's house when he goes to visit him. Kāngra Gloss.**Dhingānā**: *adj.* violent, forcible.**Dhīng-dhīngane**: willy-nilly. *P. D.* p. 308.**Dhingiāria**: a peacock. Bauria *argot*.**Dhīngon jorī**: *Panjabi Dicty*, p. 309.**Dhingra**: buckwheat (*Cajanus bicolor*). Cf. *urhur* and *kundī*. Kāngra S. R., p. 25.**Dhīnkar**: a hedge of thorny bushes. Karnâl S. R., 1880, p. 171.**Dhīngari**: a potsherd, *Panj. Dy.* p. 309.**Dhokkhā**: danger, *ib.* p. 310.**Dhok mārna**: to join the hands palm to palm and raise them to the forehead in salutation. Karnâl S. R., 1880, p. 144.**Dhol**: *ek dhol*: a term applied to a turn of the whole water of a *kul*; "it is my *dhol*." When water is divided, the term would not be used. *Dhol dena*, to divert a stream into another channel. Kāngra Gloss.**Dhola**: a pair of scanty drawers worn by a bride. Karnâl S. R., 1880, p. 130.**Dhon**: a tree whose leaves afford fodder. Kāngra S. R. (Lyall), p. 38.**Dhond**: the big wood pigeon. Kāngra Gloss.**Dhonitar**: *dhup khāl*: a *dhobi's* *ghāt* or place for washing clothes.**Dhonsū**: a drummer. Kāngra S. R., p. 92.**Dhontu**: bellows. Sirmūr cis-Girī.**Dhotin**: a woman. Ludhiāna S. R., 1883, p. 150.**Dhouru**: a tambourine. Cf. *dhad*. Ludhiāna S. R., 1883, p. 70.**Dhowār**: *dohār*, *dofasli* land, as opposed to *bīsand*; applied to rice land in which wheat is sown to be followed by rice: when left fallow, it would be called *bīsand*. Kāngra Gloss.**Dhuan**: an order of *Uddāsīs*. Hoshiārpur S. R., p. 35.**Dhukar**: a variety of coarse, hardy rice sown on dry land. Kāngra S. R., p. 26.**Dhunch**: a censer (? fr. *dhūp*, incense)—used in Pāngi.**Dhunka**: a large double-stringed bow with which ginned cotton is scutched. Cf. *pīnan*. Karnâl S. R. 1880, p. 183.**Dhūp**: the plant *Dolomiora macrocephala*, used as incense in India and China. Kāngra S. R. (Lyall), p. 96.**Dhūp-dīp**: 'incense and light'; *ghi*, *gugal*, certain leaves, spices, etc., are mixed together to make *dhūp* and put on the fire to make an odorous smoke. *Dīp* is a light, generally a wick burning *ghi*. *Dhūp* is offered to a *deota* and the place illuminated with *dīp*. Simla Hills.

From what I have gathered by searching into the rice and tenor upon which the Honourable Company have had and held their privileges, and how now it stands with them, I shall note a few things as follows, viz. :—

- 1st That Shaw-Sujah, that first granted the English those privileges they enjoyed, had by his father the government and all the revenues of Bengall and Orisa given him, and therefore might have [given ?] those privileges as a right to the first English, but it could last no longer than his time.
2. That the Emperour hath never given any phirmaund (a phirmaund is an edict or law) but what is directed to the Governours at Suratt, the translate of which I have given your Honour.
3. Yet notwithstanding in the time of the severall Nabobs and Duans we have had the privileges continued from time to time till anno 1682, with much struggling and great bribes.
4. That the Emperour hath given his order to the Duan that he shall take $3\frac{1}{2}$ per cent. of the English, according as it is paid at Surrat, except we bring a rewanna that custom is paid there.
5. That the Duan cann't dispence with the Kings order ; and the said Duan that now is, is a devout Musselman that will take no present to the value of a flower.
6. That custome hath been paid this 3 years according to Agent Hedges agreement with the Nabob, that if a phirmaund could not be procured in 7 months then he should pay it.
7. That the Dutch upon all occasions excite the Governours to take custom of us, alleadging their case, whom they (as they say) have as much reason to be free of custom as the English, and yet pay 4 per cent.
8. That Mr. Vincent, and after him Captain Alley paying custome, and at last Mr. Davis offering to pay $3\frac{1}{2}$ per cent., if they might have the Nabobs perwanna, which was granted in the name of the Ld. Lumly,⁵ was of great prejudic to the Honourable Company in this affair.

Since our present concern with this narrative is confined to its version of the Boughton legend, as current in Bengal about 1685, we shall say little or nothing regarding its other contents, except to note that they afford some grounds for thinking that the author was John Beard, who became Agent in Bengal in October, 1684, and died at Hugli in the following August. Whoever he was, as regards the earlier part of the story he probably depended on hearsay, and in certain details his information was demonstrably inaccurate. The opening date, for instance, is wrong. Andrew Cogan (here called Cockaine) was not Agent on the Coromandel Coast until the autumn of 1639 ; and it was in August, 1643, that the *Hopewell* (with Cogan on board) sailed from Madras for Bantam, where she arrived in the following November.

Assuming that, as our narrative declares, Boughton sailed with Cogan from Madras, the question arises whether he merely joined the ship at that place, or whether he had taken part in her earlier cruises. The former theory is more consonant with the text ; but the entire absence of any reference in the extant records to his being employed on shore at Madras rather favours the view that he had been the ship's surgeon from the start, though no trace of his appointment can be found in the home records of the Company. On this hypothesis, it will be of interest to note that the *Hopewell* sailed from the Down on the last day of 1641, with Andrew Trumball as her master, and Francis Day in charge of her cargo. She was bound for Fort St. George, and duly reached that

⁵ This must have been the nobleman who was created Baron Lumley (in the peerage of England) in 1681, Viscount Lumley in 1689, and Earl of Scarbrough in 1690. He was probably a patron of the notorious interloper Alley, whose ship was named the *Lumley Castle*.

place on July 5, 1642. A fortnight later she sailed for Masulipatam and thence to Balasore, in the Bay of Bengal, where she spent three months, returning to Madras in December. On the 30th of that month she departed for Gombroon in Persia, arrived there in March, and got back to Madras on May 19, 1643. There had been continual disputes between Day and Trumball, and charges of cruelty were brought against the latter by many of the officers and crew, with the result that the Agent and Council at Fort St. George ordered the master on shore and sent the ship down the coast to Tranquebar without him. On her return (August 1643) Trumball was reinstated; but this produced a fresh hubbub, and Day positively refused to venture on board again. At last a solution was found for the difficulty: Cogan himself took command of the vessel for the voyage to Bantam, while Day remained at Fort St. George as Agent in his place. The scanty records of the time include several documents relating to the charges against Trumball. One of these (*O. C. Duplicates*, No. 1824) contains the latter's answer, in June, 1643, to certain accusations made by Day (not now extant), which evidently alleged, among other things, that the master had used the surgeon of the *Hopewell* 'in a cruell horrid manner.' To this Trumball replied that:—

"It is not soe. But the above said chirurgion havinge caused my servant to enter 8 pound in the pursers books to him for curinge (as he said) the runninge of the reynes, I questioned with him why he would have any dealinge with him that was my servant and not let me know of it, and to cause him to enter any money, which he, beinge another mans servant, could not doe. I said moreover, if he [had] acquainted me with it, I would have made him satisfaction. His reply [was] now it was entred in the booke, he had satisfaction. Whereupon I demanded whose the medecines were that he did use. He tould me the Company did lay them in for his use. I tould him, if the Company did lay them in for his use, yet they did not permitt him to sell them at such high rates. He made me answere verie proudly he would make what rates he thought fitt, and that it did not belonge to me to examine him in those particulers. I further asked him why he caried the medecines ashore now wee had noe sicke men there. He replied I should never know; which mov'd me, seeinge his infinite pride, to strike him 3 or 4 blowes with an inch rope; which I thinke was roe more then I might doe."

Further on in the same document Trumball alludes to his having on another occasion "had some words" with the surgeon, who had refused to come near him, though his foot was giving him "extreame paine." There is also a reference to some complaint that Trumball sent his sick men ashore at Balasore without seeing that they had proper shelter and food; in reply to which he protests that he left the matter in the hands of the "chirurgion," who "never asked any thinge of me; but (as afterward I knew) tooke care to gett his owne chest and lumber into the boate." In none of these instances, however, is the name of the surgeon given; and so, unless some further evidence is forthcoming, it must remain doubtful whether they really relate to Boughton or to some predecessor of his.

After this digression, we return to our examination of the narrative. The *Hopewell* sailed from Bantam for England in January, 1644, under the command of Captain Yates (not Gage); but she had not got far on her way when she was forced by bad weather and her leaky condition to put into the Island of Mauritius. There, as stated in the narrative, she met the *Dolphin*, which had left Surat at the beginning of the year and had likewise been badly damaged in a storm. After refitting as best they could, the two ships went on to Madagascar and the Comoros; but then, finding themselves in no condition to complete the voyage to Europe, they made their way to Surat, which was reached in September, 1644.

Thus far the narrative appears to be in the main correct, though it must be confessed that in the extant records no trace can be found of Boughton's participation in the voyage. At

Gadā : coarse unbleached country cotton cloth. Sirsa 1883, p. 155.

Gadal : a beam fixed to the vertical axis of the horizontal cogged wheel of a Persian well, to which the bullocks are yoked. Karnāl S. R. 1880, p. 160.

Gādāl : fine mud. Karnāl S. R. 1880, p. 186.

Gaddi : a reddish insect which preys on the inside leaf of the arrow, thus stopping all growth. Cf. *sūra*. Jullundur S. R., p. 119.

Gaddi : a sheaf, or man's load of rice in straw. Kāngra Gloss.

Gadel : a snake (*Bungarus fasciatus*). Cf. *raonā*. Jullundur S. R., p. 12.

Gādū-vand : see *tarophilā*.

Gadwāla : a fellow. Karnāl S. R. 1880, p. 158.

Gadwāla : a kind of brick. Karnāl S. R. 1880, p. 159.

Gāhī, gāi : a bear (Kullū), chidhā gāi, black bear—see under *bālā*.

Gāhi : a recess or shelf in a wall; *āla* is the common term. Kāngra Gloss.

Gāhr : the sides of the high Himalayas, from the upper limit of the forests down to the grazing grounds about the highest villages, also a sheep-run in such a locality opposed to *nigāhr*, q. v. also called *kundli*. Kāngra Gloss.

Gāi kī pūn : the superstition under which cows and oxen were exempted from grazing-tax. Kāngra S. R., p. 24.

Gaira : a small bundle of corn. Karnāl S. R., p. 117.

Gal lipaṭnā : to embrace.

Gal-peṛī, —e : a disease of the throat : D. G. Khān. Syn. *sanghrī*.

Gāla : a share or portion, as in *ek-gāla pāni*, one allowance or share of water from a canal: *ek-gāla ghā*, one feed of hay for an ox. Kāngra Gloss.

Galāna : to speak or say. Kāngra Gloss.

Galen (Gāḍi) : any place where rocks and boulders lie in masses one over the other, a moraine. Kāngra Gloss.

Gālī : the curved bearing of the beam of a sugar press, to which the oxen are fastened. Karnāl S. R. 1880, p. 161.

Galla : a hail-storm. Cf. *golī*. Ludhiāna S. R. 1883, p. 125.

Galota : a reel or spindleful of spun cotton (Mālwa).

Gamīna : a messenger. Karnāl S. R., p. 118.

Gāmro : village. Bauria *argot*.

Gand : a part of a plough. Jullundur S. R., p. 109.

Gandāla : an iron for digging holes. Cf. *khuti*. Hoshiārpur S. R., p. 72.

Gāndhi : a grass (*Andropogon*). Karnāl S. R., p. 13.

Gandmūl : the worst combination of stars at a child's birth. Ludhiāna S. R. 1883, p. 71.

Gandra : a grass found in ponds and depressions, very valuable for thatching and brooms : syns. *jhund* and *pani* (*anathenum mudricatum*) : Rohtak.

Ganlāha : a small chopper, with a long handle, used to cut up sugar-cane into lengths. Kāngra Gloss.

Ganna : thick or close, as of a wood; opposed to *birla*, scanty or scattered. Kāngra Gloss.

Ganthīl : a kind of grass, (*eleusine flagellifera*). Cf. *bhobriya*, *chīmbar* and *kharīmliar*. Karnāl S. R., p. 13.

Gāopun : an offering of a cow. Sirsa S. R. 1883, p. 145.

Gār : a scar or slip of part of a hill-side. *Lhā* is also used. Kāngra Gloss.

Garakha : thunder. Kāngra Gloss.

- Garehi** : a fish (*Ophioccephalus gachua*). Karnâl S. R., p. 8.
- Garent** : a glacier (Gâli). Kāngra Gloss.
- Garh** : a pan of clay. Karnâl S. R. 1880, p. 159.
- Garhâna, gorhakara** : the site where a house once stood—see under *ghindâra*.
- Garhi** : a small outlying hamlet in the village area in which are settled cultivators who till the surrounding land. Cf. *mâjra*. Karnâl S. R., p. 76.
- Gharib chârâ** : a form of *sargulhi* marriage among the poor—an inexpensive form. Churâh.
- Garnâ** (*carissa difusa*) : Kāngra S. R., Lyall., p. 33.
- Garoi** : a worm. Kāngra Gloss.
- Garri** : one who plays the *dopitra*, an instrument like a violin with only one string or wire, played with both hands on the string in Charâh and other parts.
- Garfâ** : roan (of a horse).
- Garûna** : an insect destructive to sugarcane. Hoshiârpur S. R., p. 81.
- Gash** : heavy rain (Kullû). Kāngra Gloss.
- Gat** : a bundle—see under *gatta*.
- Gatârû** : a numerous class who make a livelihood by buying corn in villages and carrying it on their backs into towns and selling it. Kāngra Gloss. from *gat*, *q. v.*
- Gatta** : a sheaf (of corn); a faggot of (wool) a truss (of hay). A bundle of anything wrapped in cloth is called a *gat*. Kāngra Gloss.
- Gauhin** : a small tree (*Premna mucronata*) : of no use except for firewood. Hoshiârpur S. R., p. 13.
- Gaula** : the crown of the sugarcane. Karnâl S. R. 1880, p. 181.
- Gaun** : the inclined plane on which the oxen run down from a well. Karnâl S. R. 1880, p. 161.
- Gawân** : a pulse (*Dolichos psoraloides*). Karnâl S. R. 1880, p. 179.
- Gehna** : mortgage. Karnâl S. R., p. 111.
- Gelar** : a child born of a woman to her former husband = *piçhhlâg*. Karnâl S. R., p. 100.
- Gena** (? *Gakna*) : a jewel. Karnâl S. R. 1880, p. 125.
- Genr** : a disease of the stomach. D. G. Khân.
- Gesla** : a flail. Cf. *kutka*. Karnâl S. R. 1880, p. 173.
- Ghachol** : confusion or an erroneous account. Kāngra Gloss.
- Ghai** : a large seine used in very deep water. Karnâl S. R., p. 7.
- Ghalua** : a dip or depression in a ridge. Kāngra Gloss.
- Ghale** : Field pease ; very little grown : eaten as *dâl syn-kalao*. Simla S. R., 1883, p. 39.
- Ghân** : a hammer for breaking stones. Simla S. R., 1883, p. 45.
- Ghân** : a bundle of canes of sizes made up to be put in the sugar-press at once. *Gannedi ghân*. Kāngra Gloss.
- Ghandâra** : the ruins of a house; the place where a house stood is called *garhâna* or *garhakara*, if no walls remain standing. Kāngra Gloss.
- Ghanittâ** = *gur* or *devâ* : a man through whom a *deota*'s spirit speaks ; a functionary of a *deota*. Chamba..
- Ghar** : the house of a rich man. Sirmûr.
- Ghârâ** : a tenant who pays half the produce as rent. Cf. *adighâri*. Churâh.
- Gharethrû** : a wooden frame on which earthen vessels are kept. Jullundur S. R., p. 60.
- Gharia** : a vessel made of pottery, smaller than the *ghara*, for dipping in water. Cf. *thilâ* and *dûna*. Karnâl S. R. 1880, p. 121.
- Ghar jawâi** : a custom, whereby a sonless man settles his daughter's husband (*jawâi*) in his house, as his heir. Karnâl S. R., p. 101.
- Gharti** : a handmill. Bauria *argot*.

Gharûrû : a cradle on ropes which serves as a bridge. *Jhûla* is used for both this and a rope suspension bridge. Kāngra Gloss.

Ghât : husked barley. Sirsa S. R. 1883, p. 153.

Ghatti : the sand which comes out in lumps mixed with pieces of clay and *kankar* when digging a well. Ludhiāna S. R. 1883, p. 98.

Ghazimard : violent death. Cf. *apgat*. Karnāl S. R. 1880, p. 153.

Ghidhi : past of *ghinnaṇā*, take.

Ghiu : = *ghen* 390.

Ghi gundoli : fenugreek (*Luffa*). Kāngra S. R., p. 25.

Ghighiānnā : to implore, beseech.

Ghimgat : the bosses and chains fastened to the front of the *orna* so as to fall over the face. Karnāl S. R. 1880, p. 125.

Ghona, ghona : to mount, ascend; *ghoigia*, gone up. Kāngra Gloss.

Ghoro : a horse. Bauria *argot*.

Ghorru : an inferior sort of sugarcane, having many joints and a great deal of leaf at the top, very hard and yielding much less juice than the others. Ludhiāna S. R. 1883, p. 110.

Ghūān : an instrument used for scaring animals. The mouth of a small earthen pot is covered with leather, a hole is made in the bottom of the pot and another in the leather, and through these holes a thong is passed. The latter being pulled backwards and forwards through the pot (in which some water is put), makes a terrifying sound. Cf. *hūngā*. Jullundur S. R., p. 108.

Ghūgi : a shroud. Cf. *guji*. Karnāl S. R. 1880, p. 136.

Ghūki (s. f.) : insensibility, the state of being sound asleep.

Ghulnā : to blow (as wind). Amritsar 392.

Ghundā : a veil,—*khard karnā* to lift the veil of a bride after the wedding, done first by the mother-in-law. Churāh.

Ghupa : a sieve for cleaning rice. Simla S. R., 1883, p. 44.

Ghurā : ogling. Ludhiāna.

Ghūrāl (on) : a cattle-shed. Kāngra.

Giḍānnā : causal of *girnā*; see *Gaḍānnā* (P. D. p. 397).

Giddh : not Gh.

Gihūn : wheat. Simla S. R., 1883, p. 39.

Gilra : a goitered man. Kāngra Gloss.

Girāe parā : it is raining. Bauria *argot*.

Girjh : a vulture.

Girri : a heavy wooden roller. Cf. *ūd*. Karnāl S. R. 1880, p. 162.

Giṭā : s. m., a pebble, p. 400.

Goa : the serow deer; *jingāl* is also used, and *yāmū* in Kullā. Kāngra Gloss.

Gobi : a kind of tobacco stronger than *desi* (a kind of tobacco) and more popular. Hoshiārpur S. R., p. 77.

Gochani : mixed crop of wheat and barley. Karnāl S. R. 1880, p. 193.

Gochni : a mixture of wheat and grain grown together. Rohtak.

Gōd lia : adopted. Ludhiāna S. R. 1883, p. 314.

Godal : a thorny bush; it is weighted with clods and drawn over the land to remove the grass and weeds. Karnāl S. R. 1880, p. 168.

Goglās : a variety of cobra. Jullundur S. R., p. 12.

Gohāra : a yard in which grass or straw is stacked. Kāngra Gloss.

Gohārah : a hedged enclosure outside a village, in which the manure heaps are kept and the women bake the cowdung fuel. Cf. *wārah*. Ludhiāna S. R. 1883, p. 64.

Gohr : the real *gohr* is the road by which the cattle leave the houses to go out grazing. It is the big road in and out of a hamlet, and runs between fences. Kāngra Gloss.

Gohra : a large mango fruit, round like the balls made up of cleaned cotton. Hoshiārpur S. R., p. 15.

Gohrāl, *gohrān*, a cattle-shed. Kāngra Gloss.

Gonth : a place where sheep are penned or collected for the night in the high ranges. Kāngra Gloss.

Goiya, *gongmo* (Spiti) : snow pheasant—see *gulind*.

Gokrū : a grass. Cf. *bhākri*.

Gola : a hail-storm. Cf. *galla*.

(To be continued.)

CORRESPONDENCE.

Oxford, 13th June 1911.

IN the June number of this Journal, p. 170, there is a valuable note by Professor K. B. Pathak on the historical implications in the passage of Vāmana's *Kavyālaṅkāra sūtra-vṛtti*, which he quotes. In a footnote you rightly draw attention to an earlier note of M. M. Haraprasād Śāstri on the same subject. As to the implications, I am disposed, in the main, to agree with Professor Pathak's interpretation of the passage, that it contains a reference to the accession (*jīto bhūpatiḥ*) of Chandragupta II's son, Kumāragupta. I have no prints or manuscripts of Vāmana's work at hand, but it would seem that M. M. Haraprasād's reading of *Subandhu* is a mere conjecture, not supported by any manuscript evidence. The manuscript reading *Vastubandhu* is obviously a clerical error for *Vasubandhu*. As to M. M. Haraprasād's objection that "a Buddhist monk would not accept office" (of minister), does the term *sāchivya*, in the verse cited by Vāmana, necessarily refer to the ministerial office? May it not simply mean "companionship" or "friendship"?

But what concerns me more immediately is a point that arises out of Professor Pathak's interpretation. The verse, as translated by him, does not name the person to whom it refers. Is that a probable thing in a verse which refers to a person as "deserving congratulations on the success of his efforts"? One does not usually congratulate a person anonymously. It appears to me that M. M. Haraprasād Śāstri is right in taking the term *Chandraprakāśa* to be the name of the son of Chandragupta. But, then, what is the relation of this Chandraprakāśa to Kumāragupta? M. M. Haraprasād suggests the hypothesis that Chandragupta II had two sons, and that upon his death a civil war broke out between the two brothers, in which however Kumāragupta

was successful. This is quite possible; but so far as I know, there is no known historical evidence of any sort in support of it. And, in any case, the verse itself would seem to indicate that, if there was such a civil war of the two brothers, Chandraprakāśa was successful. For the verse says of him that he was *kṛitārtha-śrama*, i. e., successful in his endeavour. What endeavour? On the hypothesis, one naturally thinks of Chandraprakāśa's endeavour to secure the succession as against his brother Kumāragupta. Here one must observe the word *samprati* (now), in the verse. That word suggests an early date after the death of Chandragupta II, and M. M. Haraprasād might reply that Chandraprakāśa's success was quite transitory, and was soon superseded by that of Kumāragupta. But is there any real need for the hypothesis? Is it not much simpler to suppose that Chandragupta's son was known as Chandraprakāśa, before, upon his succession to the throne, he assumed the regnal name of Kumāragupta? Only upon this alternative hypothesis, the phrase *kṛitārtha-śrama*, successful in his endeavour, yields no satisfactory meaning. What was his endeavour in that case? Possibly there may be some, now not intelligible, explanation of it on the alliterations of the two phrases *kṛitadhiyām* and *kṛitārtha-śrama*.

On either hypothesis, however, we have the result of the fixation of the date of the composition of the verse within a brief interval, immediately after Chandragupta's death, either before Chandraprakāśa was displaced by his brother Kumāragupta, or before Chandraprakāśa assumed the regnal name Kumāragupta; that is to say, the date would be 413 A.D., to adopt Mr. Vincent Smith's chronology.

A. F. RUDOLF HOERNLE.

EARLY SOUTH INDIAN FINANCE.

BY C. HAYAVADANA RAO, B.A., B.L., F.R.A.I. (LONDON), MADRAS.

[It need not surprise anybody if no systematic attempt, on the lines of Mr. Thomas' well-known brochure on Moghul finance, has yet been made in regard to the revenue finance of the dynasties that have successively held sway over Southern India. Southern India has been fortunate, however, in the preservation of its ancient records, which consist mainly of lithic inscriptions, coins and palm leaf MSS. These and the writings of European travellers and missionaries in later times afford the necessary material for studying in some detail this important subject. What is presented here is, however, nothing more than a mere attempt in this field of inquiry; and I would fain see others, more able and more learned, take it up and throw fresh or additional light on it. I may here add that the present paper is an amplification of a brief note, now incorporated in the *Imperial Gazetteer* (Madras, Vol. I, p. 90), which I supplied, some time back, to Mr. W. Francis, I.C.S., formerly Superintendent of Gazetteer Revision in Madras and now Collector of Malabar.]

I.—The Cholas.

Of all the early rulers in Southern India, the Cholas are the only ones of whom anything definite is known. They are mentioned, together with the Pāṇḍyas and Keralas, of whom we know as yet very little, as independent rulers as early as the 3rd century B. C. in the Aśoka inscriptions.¹ During the 11th and the following two centuries A. D., they ruled over the whole of what is now known as the Madras Presidency, the Provinces of Coorg and Mysore and the northern portion of Ceylon. The principal sources of their revenue are spoken of in their inscriptions as being of two kinds—external and internal. The former probably included all taxes on imports and octroi duties, and the latter all other kinds of revenue, besides the land tax. The other kinds of revenue included tax in money; the share of the village watchman; the share of the *Karnam* or village accountant; the unripe fruit in *Kārtiggai*; the tax on looms; the tax on trade; the tax on oil mills; the tax on goldsmiths; the dues on animals and tanks; the tax on water courses; tolls; tax on castes; the tax on weights; the fine for rotten drugs; the tax on bazaars; the salt tax; fishing rent; hedge tax; tax on collecting rents; and a good many others that have not yet been made out.² There were besides collected a number of fines and other unnamed minor taxes and rents.³ With this may be compared “the variety of vexatious taxes” imposed by Chikkadēvarāja, the greatest king of Mysore, in order to supplement the usual one-sixth share of the produce. Somewhat similar are the taxes recommended by Manu in his well-known Laws. The chief source, however, of state income was that derived from land revenue, and if that was not capable of direct increase, a number of petty imposts would, it was evidently thought, make up for it.

As to the actual share that Government took during these days in Southern India, an inscription of the Choḷa king Rājādhirāja, who ruled from about A. D. 1018 to A. D. 1052, praises him for taking “the sixth share of the produce of the earth,” and incidentally compares him with Manu⁴, who, it is well-known, recommends the taking of the sixth of the crops by the king, if not the eighth, or the twelfth part.⁵ King Adhirājendra, son of Virarājendra, who ruled from 1063 to 1070⁶, is also said to have “continually increased his great fame by following the laws of Manu.”⁷ If from these praises we can infer anything, it is that some of their predecessors had deviated from the rule whose observance by their successors brought them fame. If such an inference is valid, as it certainly seems to be, then there is ground for believing Dr. Burnell when he says that the indigenous

¹ V. A. Smith's *Asoka*, pp. 115 and 131. ² Dr. Hultzsch's *South Indian Inscriptions*, III. i. 38, 43, 111 and 117.

³ *Ibid.*

⁴ *South Indian Ins.* III. 57.

⁵ *Laws of Manu*, VII. 130, Dr. Bühler's Edition, in the *Sacred Books of the East Series*, pp. 236-7.

⁶ *Ep. Ind.*, VII., 9.

⁷ *South Ind. Ins.* III. i. 117.

Chola kings of the 11th century took about half the produce and Mr. Ellis when he more cautiously, and in all probability correctly, estimates that the tax was always more than the sixth or fourth, permitted by the Sanskrit lawyers.⁸ Over and above this proportion of land tax there were, as already stated, the extra taxes. Those forming the internal revenue were commuted during the reign of Virarājendra (1063-1070) to 1/10th of the gross produce paid in cash.⁹ Thus the total demand on land was, when the land tax was at 1/6th of the gross produce, 4/15th of the gross produce ($1/6 + 1/10 = 4/15$). If the land tax, however, was at 1/3—moderating the figures of Burnell to that of Ellis—then it would be about 13/30ths ($1/3 + 1/10 = 13/30$) excluding, in both the cases, the cost of cultivation. According to the latest calculations,¹⁰ the share now taken by the British in the Madras Presidency is well below 10 %, including all cesses and charges for water ; or exclusive of all charges for water the proportion falls to about 6 % or about 1/17th,¹¹ and even this includes a couple of cesses.¹² It would appear from this that the land taxation of the ancient Chola kings was over four times, if they took 4/15ths, and over 7 times if they took 13/30ths, heavier than the British taxation at the present day. Taking into account the purchasing power of gold, it would have been much greater. Unfortunately, there are no materials for forming a correct opinion of its purchasing power in those ancient days. The value of the Chola gold coins—Southern India having not much silver currency until the advent of Muhammadans¹³—is not known. Perhaps a rough approximation may be reached in this way. During the days of Rājārāja (985-1015) a *kāsu* passed for its weight in gold and was worth 2 *kalams* of paddy,¹⁴ though it exchanged in the days of Virarājendra, fifty years later, for about 4 *kalams*.¹⁵ In Rājārāja's time, therefore, a *kāsu* must have been worth about Rs. 2/- in modern currency, valuing a *kalam* of paddy on the average at Re. 1/-. It is stated in another inscription that two *kāsus* bought in the days of the same king 2 buffaloes, 2 cows, and 6 sheep. At the present day at the very least all these jointly would be worth about Rs. 40/-. It would appear from this that half a *kāsu*, or a rupee in modern currency, would in those days have bought ten times what it would buy now. That a *kāsu* may be worth about Rs. 2/-, may be inferred in another way. The rate of interest in Rājārāja's time is specifically stated to be 12½ per cent.¹⁶ During the time of Rājendra, his son, 1/8th *kāsu* is stated in a number of inscriptions to be the interest for a *kāsu*.¹⁷ At two rupees a *kāsu*, this comes to 12 per cent. ; so that the rate of interest had not in his reign risen above what it was during his father's reign, which is natural seeing that he immediately succeeded him.¹⁸

Payment in kind—an economic fallacy.

It might be imagined that a possible palliative to this high rate of assessment was that it was paid either in kind, gold, or both.¹⁹ This, however, involves an economic fallacy that is always forgotten but is easily laid bare. A little reflection shows that paying in kind could not have in

⁸ Burnell's *South Indian Palæography*, 2nd Ed., p. 119.

⁹ *South Indian Ins.* III. i. 117. The internal revenues were, according to an inscription of that king, collected at the rate of 25 *kāsu* per 1,000 *kalam* of paddy. A *kāsu*, according to inscriptions of the time, bought 4 *kalams* of paddy. Thus, for every thousand *kalams*, the Government collection was one hundred *kalams*, i.e., 1/10th which was paid in cash.

¹⁰ *Land Revenue Policy of the Indian Government*, paras. 69 to 71.

¹¹ The Famine Commissioners of 1880, who were the only body who had the evidence of all India before them, estimate the land tax on the average throughout British India "at from 3 p. c. to 7 p. c. of the gross out-turn." See also *Indian Famine Commission Report*, 1901, paras. 260-67, for the latest figures in respect to certain parts of India.

¹² *Land Revenue Policy of the Government*, para. 68.

¹³ Sir Walter Elliot's *Coins of Southern India*, p. 57.

¹⁴ *South Ind. Ins.* II. 68.

¹⁵ *Ibid.* III. 117.

¹⁶ *Ibid.* II. i. 68.

¹⁷ *Ibid.* 95.

¹⁸ If a *priori* reasoning is permissible in a matter like this, it may be instructive to note here that rice sells at a price which is about six times what it sold sixty years ago.

¹⁹ *South Ind. Ins.* II. i. 42, 53 ; et seq.

any way diminished the heaviness of the burden. "Collecting the revenue in kind," says Sir Thomas Munro in one of his able minutes, "is a very clumsy, but very simple mode of realising it. No commutation is required, whether the crop is poor or abundant, a share can easily be taken, and Government can always draw from the ryot as much as he can possibly pay. The case is very different under money-rents. If the assessment is to be a fixed one—he means one fixed in money as contradistinguished from the fluctuating one in kind and not a perpetually fixed money assessment—it must be so moderate as to meet the contingencies of the seasons in ordinary times, and a more liberal share must therefore be allowed to the ryot than when he pays in kind; and the consequence is, that where the ryots pay a fixed money-rent, they are usually more substantial than when by a share of the crop."²⁰ Elsewhere Sir Thomas Munro thus balances the advantages and disadvantages of the system of payment in kind and shows clearly that payment in kind itself discloses the heaviness of the assessments.—"The system of paying in kind, a share of the produce as the Government rent, is also well adapted to the same state of things, because Government is always sure of obtaining half of the produce, or whatever its share may be, from the ryot, whether the crop be scanty or abundant, and because the ryot is also sure of not being called on for rent, when the crop has entirely failed, and he is, perhaps, unable to pay. Such a system is better calculated to save the ryot from being oppressed by demands which he cannot pay, than to enable him to become wealthy. This protection to the ryot from payment of revenue in a season of calamity is the only advantage which appears to belong to the system; but it is an advantage which could be necessary only under a rigid system and would not be wanted under a more liberal one of assessment. The very existence of such a system in Arcot and other districts where it is prevalent, is a proof that, however light Indian revenue may be in the theories of Indian writers, in practice it has always been heavy. Had the public assessment, as pretended, ever been, as in the books of their sages, only a sixth or a fifth, or even only a fourth of the gross produce, the payment of a fixed share in kind and all the expensive machinery requisite for its supervision, never could have been wanted. The simple plan of money assessment might have been at once resorted to, in the full confidence that the revenue would every year, in good and bad seasons, easily and punctually be paid. No person who knows anything of Indian revenue can believe that the ryot, if his fixed assessment were only a fifth or a fourth of a gross produce, would not every year, whether good or bad, pay it without difficulty, and not only do this, but prosper under it, beyond what he has ever done at any previous period. Had such a moderate assessment ever been established, it would undoubtedly have been paid in money, because there would have been no reason for continuing the expensive process of making collections in kind. It was because the assessment was not moderate, that assessments in kind were introduced or continued; for a money-rent equivalent to the amount could not have been realised one year with another."²¹ He winds up with the conclusion that there is no ground, either from tradition or from record, or from the present state of the country, for believing that a moderate land-tax was ever at any time throughout India the principle of its revenue system."²² Nothing more, perhaps, is necessary to show the uncommon general acuteness of Sir Thomas Munro than these few sentences of his, written when epigraphical and other historical researches had not yet made known to us the really high rate of assessments that prevailed during the days of the Cholas and their Hindu and Muhammadan successors.

²⁰ *Minute on Northern Circars* printed in Sir A. J. Arbuthnot's *Selections from Sir Thomas Munro's Minutes* I. 206, where, however, *contrivance* is plainly a misprint for *commutation*. See *E. I. House Selections* III, paras. 23 to 26.

²¹ *Minute on the state of the country and condition of the people*. Arbuthnot's *Minutes of Sir Thomas Munro*, I. 245-7.

²² *Ibid.* 249.

His theoretic reasoning has a strong substratum of truth underlying it, and the conclusions which he reached by it are thus shown to be invulnerable. It is important that we should bear in mind these remarks of his, since the system of payment in kind continued in Southern India down to its final cession in 1601 and during the later Hindu and Muhammadan times degenerated into the worst engine of oppression in the hands of renters who forced the Government share upon unwilling ryots below the market rates. More than this, its effects were of the most demoralising character. It led, as between renters and cultivators, to mutual cheating and common ruin. The practical difficulties that beset its adoption in modern days, as advocated by certain writers, are admirably summed up by the Government of India in its resolution on the Land Revenue Policy of the Government²⁵ No one, aware of the history of payment in kind and the worst abuses to which it had been in the past put, would ever hazard a word of its renewal, since such a retrograde step would involve the exhuming of a system of oppression that has been rightly buried deep and the raising of the assessments all round. Some of its evils seem to have been noticed by the Chōla kings as early as the 11th century A. D. One of them, Vīrarājendra, commuted a portion of the Government share into a money payment, as already stated, but his later Hindu and Muhammadan successors instead of following it up, were only too glad to do away with it and fall back on the system of payment in kind, which always afforded the amplest scope for oppression and rack renting, for which they seem to have had quite a genius. Payment in money is the best *British* factor in the Land Revenue system in India and though its inception in the beginning of the 18th century entailed a great deal of hardship on the poorer cultivators, which was always met by liberal remissions, owing to the remarkable fall in prices that took place then through the insufficiency of the currency of the country,²⁶ its subsequent and general effect on their well-being and improvement by its characteristic security and certainty has been too great to be superseded by an essentially archaic system which in modern times would inflict several hardships without any compensating benefits.

Chōla assessment, then, ranging as it did between at least 13/30ths and 4/15ths of the gross produce and being paid as it was partly in kind, was from 4 to 7 times heavier than the British assessment of the present day. That the petty imposts of their times were felt vexatious and heartily detested is apparent from the praises bestowed on king Kulōttunga Chōla I, who ascended the throne about 1070 A. D., and abolished most of them and got the popular sobriquet of Sungandaritta Kulōttunga Soladeva or "the Kulōttunga Chōla who abolished the tolls."²⁵ At the same time he seems to have recouped the loss thus sustained by a revision of the land assessments. He made a re-survey of the lands in 1086, about the time of the famous Domesday Survey in England²⁶ and revised the assessments. The old survey of the lands, which was correct to 1/52, 428, 800,000 of a *vēli* (6 2/3 acres), or 1/50000 of a square inch,²⁷ had been made during the reign of, if not prior to, Rājārāja,²⁸ the greatest of Chōla kings, who ruled from about A. D. 985. It would follow from this that as early as the days of Chōla kings, temporary and not permanent settlement was the rule. Even in the matter of collections and remissions on reasonable occasions of the land tax, the Chōla kings seem to have been more rigorous than the British in modern times. Thus, we see Rājārāja sternly ordering the sale of the lands of defaulters²⁹ and Vikrama Chōla, one of his successors, who ruled a century later, refusing the expected remission even when the crops had been totally destroyed by *Vis major*, *e. g.*, destructive floods.³⁰

²⁵ Paras. 16 to 17.

²⁶ See an able article on the subject in the now defunct *Bombay Quarterly Review*, for April 1857.

²⁷ *Epigraphy Report*, for 1900-1 p. 9.

²⁸ Bawden's *Domesday*, Intro. 12.

²⁹ *Epigraphy Report* 1899-1900, p. 11; *South Ind. Ins.*, II. 62. A *vēli* = $6\frac{74}{121}$ acres, see Mr. Venkasami Row's *Tanjore District Manual*, 315.

³⁰ *South Ind. Ins.* III. i, *Et passim*; *Epigraphy Report* for 1899-1900, page 11, and *Madras Review*, VII, p. 112.

³¹ *South Ind. Ins.*, III, i.

³² *Epigraphy Report*, 1899-1900, para. 24.

II.—Vijayanagara Kings.

During the 14th and the succeeding two centuries, the Hindu kingdom of Vijayanagar was supreme all through Southern India.³¹ The prime-minister of the first king Harihara I (1336-1343),³² was Mādhava, the celebrated dialectician. He composed a work on law and government, which is still extant.³³ It was intended as a manual for the officers of the newly created State and is founded on the text of Parāśara, with a copious commentary by Mādhava, for which reason it is known as *Parāśara-Mādhaviyam* or *Vidyāraṇya-Smṛiti*, from Vidyāraṇya, or Forest of Learning, the surname of Mādhava. In this treatise Mādhava assigns the usual one-sixth as the royal share of the crop. But this share he was desirous of converting from a grain to a money payment and established fixed rules for the conversion, founded on the quantity of land, the requisite seed, the average increase and the value of the grain. "The result," says Col. Wilks, the well-known historian of Mysore,³⁴ "literally conforms with the law of the Digest, viz., one-sixth to the king, one-thirteenth to the Brahmins, one-twentieth to the gods, the rest to the proprietor. It is unnecessary to enter farther into this detail, than to state that thirty is the whole number on which the distribution is made: of which it is calculated that fifteen or one half is consumed in the expenses of agriculture and the maintenance of the farmer's family. The distribution of the remaining fifteen stands thus:—

"The sovereign one-sixth of the gross produce	...	...	...	...	...	5
To the Brahmins one-twentieth	...	...	...	...	...	1½
To the gods one-thirtieth	..	...	...	...	...	1
Remains proprietor's share, which is exactly ¼th	...	...	...	...	...	7½"

The share of the temples and Brahmins was collected by the State and paid over by it, so that the share payable by the land-holder was really ¼th of the estimated gross produce,³⁵ and of the result of the rules laid down for the conversion into money, Wilks remarks³⁶:—"It is evident that Harihara Rāja called in the aid of the Shastras for the purpose of raising the revenue and did actually raise it exactly 20 per cent. by his skill in applying that authority to his calculations, the result of the whole being that he received one *ghatti* pagoda for 2½ *kuttis* of land, the same sum having been paid for 3 *kuttis*." The Bombay High Court describe the transaction as a thinly-veiled violation of the law³⁷ and states that although he affected to adhere to the Shaster, he exceeded the prescribed limit of ⅙th of the gross produce.³⁸ This system, according to Wilks, continued in South Canara, a province of the Vijayanagar kingdom, until 1618, when the hereditary governors declared themselves independent and imposed an additional 50 per cent. on the whole revenues.³⁹ Even before that, it appears from the information extracted by Buchanan, who travelled in these parts about 1807, from a hereditary village accountant of North Canara, that according to the valuation of Krishnarāja, king of Vijayanagar between 1509-1530,⁴⁰ while the tax on rice lands was ¼th of the gross produce, that on cocoanut was quite half the supposed gross produce.⁴¹

³¹ Sewell's *A Forgotten Empire*, 5.

³² *Ibid.*, 25-6.

³³ A portion of it, the section on Inheritance, was translated by the late Dr. Burnell and published in Madras under the name of *Daya Vāhāga*, in 1838.

³⁴ *Historical Sketches*, Madras Ed. I, 94-5.

³⁵ Munro in his *Minute on the "Condition and Assessment of South Canara"* (Arbuthnot I, 63-4), writing in 1800 after careful local inquiries and examination of official papers. Wilks published his first volume just before the battle of Waterloo.

³⁶ *Loc. cit.* I, 95.

³⁷ Canara Land Assessment Case, p. 84.

³⁸ *Ibid.* p. 120.

³⁹ *Loc. cit.* I, 95.

⁴⁰ Sewell's *A Forgotten Empire*, 120.

⁴¹ Buchanan's *Journey through the countries of Mysore, Canara and Malabar* (Ed. 1807), III, 170-2.

If this was the system followed in a province like Canara, far away from the capital of the kingdom, we may take it that it was far more rigorous in near-lying tracts. At any rate, it seems pretty probable that Harihara I. and his successors would have stuck to the system propounded by their first prime-minister, who, according to tradition and inscriptions, was chiefly instrumental in bringing their kingdom into existence.⁴² More than this, Wilks would seem to infer that the latter's work *Parāśara-Mādhaviya*, was written at the instance of the first Vijayanagara king rather than for them. However that may be, it appears that more than even what is declared in Mādhava's text was usually taken by Kṛṣṇarāya, if we may believe the incalculable extent of his revenues, as stated by his foreign contemporaries. For instance, Domingos Paes, the Portuguese trader, who sojourned in Vijayanagar about 1520,⁴³ gives the following summary of the revenue resources of Kṛṣṇarāya :—"Should any one ask," he says, "what revenue this king possesses, and what his treasure is that enables him to pay so many troops"⁴⁴—Paes says, he maintained continually a million fighting troops, of which 35,000 were cavalry in armour, besides many elephants⁴⁵—"since he has so many and such great lords in his kingdom, who, the greater part of them, have themselves revenues," I answer thus :—"These captains, whom he has over these troops of his, are the nobles of his kingdom; they are lords, and they hold the city, and the towns and villages of the kingdom; there are captains amongst them who have a revenue of a million and a million and a half pardaos⁴⁶, others a hundred thousand pardaos, others two hundred, three hundred or five hundred thousand pardaos, and as each one has revenue so the king fixes for him the number of troops he must maintain, in foot, horse, and elephants. These troops are always ready for duty whenever they may be called out and wherever they have to go; and in this way he has this million of fighting men always ready Besides maintaining these troops, each captain has to make his annual payment to the king, and the king has his own salaried troops to whom he gives pay. He has eight hundred elephants attached to his person, and five hundred horses always ready in his stables, and for the expenses of these horses and elephants he has devoted the revenues that he receives from the city of Bisnaga. You may well imagine how great these expenses may be, and besides these that of the servants, who have the care of the horses and elephants; and by this you will be able to judge what will be the revenue of this city."⁴⁷ Besides these captains and lords having large territories and great revenues, the king, adds Paes, had vassal kings, and that whenever a son or a daughter was born to him all his nobles offered him a present of money and jewels of price as also on his each birthday: He moreover adds that Kṛṣṇarāya, after retaining enough for his expenses and for "the expenses in the houses of his wives" of whom he had "near him twelve thousand," put in his treasury "every year ten million pardaos."

⁴² Sewell's *A Forg. Emp.* 19, 20, 21. See also pp. 299-300, where the Portuguese trader, Nuniz, in his *Chronicle* written about 1536-37, gives the same story.

Rice's *Mysore*, I, 344-45.

Burnell's *Dāyavibhāga* of Madhava Introd. X and XI.

Fleet in *J. B. B. and R. A. S.* XII, 340.

Fleet in *Indian Antiquary* IV. 206. Mādhava's brother Sāyana was also minister to Kampa, who reigned between A. D. 1343 and 1355.

Sewell's *A Forg. Emp.* 28.

Fleet in *J. (Bomb.) B. R. A. S.* XII. 339. In the Colophon of Mādhaviya-dhātuvṛtti, Sāyanāchārya is described as "the prime-minister of Sangama, the son of Kampa, monarch of the Eastern, Southern and Western Oceans; the son of Māyana; and the uterine brother of Mādhava." See Roth's Ed. of Wilson's Works, V. 192 note.

⁴³ Sewell's *A Forg. Emp.* Introd. vi.

⁴⁴ *Ibid.* pp. 281-82.

⁴⁵ *Ibid.* pp. 147 to 151, for some very interesting remarks by Sewell on the immense armies employed by Indian kings.

⁴⁶ Pagodas; a pagoda, according to Yule and Burnell being of the value of, at the period treated of, about 4 s. 6d. See Hobson Jobson, p. 337, and Sewell's *A Forg. Emp.* 270-71, f. n. 2.

⁴⁷ Sewell's *A Forg. Emp.* 280-81.

If we take it that his savings represented a third part of his income, of which, if we again suppose, only one-third came from land, then the land revenue of Kṛishṇarāya would come to about ten million pardaos, an estimate which very well agrees with the statement of another Portuguese trader. Nuniz, writing about sixteen or seventeen years after Paes (1536-37), portrays in his interesting *Chronicle* how the poor cultivators suffered through the exactions of the Vijayanagar renters. "The kings of this country," says he,⁴⁸ "are able to assemble as many soldiers as they want, as they have them there at their kingdom and have much wealth wherewith to pay them. This king Chitarao (Achyutarāya, 1530-1542) has foot-soldiers paid by his nobles and they are obliged to maintain six lakhs of soldiers, that is, six hundred thousand men, and twenty-four thousand horses, which the same nobles are obliged to have. These nobles are like renters, who hold all the land from the king, and besides keeping all these people, they have to pay their costs; they also pay to him every year sixty lakhs of pardaos as royal dues. The lands, they say, yield a hundred and twenty lakhs, of which they must pay sixty to the king, and the rest they retain for the pay of the soldiers and the expenses of the elephants which they are obliged to maintain. For this reason the common people suffer much hardship, those who hold the land being so tyrannical." It would seem to follow from this that although early Vijayanagar kings may have, in accordance with Mādhava's text, taken only the then enhanced quarter share of the gross produce in money, the later kings seem to have quite disregarded it and took full one-half in money. At any rate, it seems clear from Nuniz's narrative that the net land revenue of the Vijayanagar kingdom, which included the whole of what is now the Madras Presidency and the Province of Mysore, with the exception of Ganjām, Vizagapatām, Gôdāvari, and the northern portion of Kistna district, which never even nominally came under their rule, was about 120 lakhs of pardaos, or 12 millions of pardaos, which roughly agrees with our inference from Paes's narrative that the land revenue of Kṛishṇarāya might have been about 10 millions of pardaos. Taking the pardao, or pagoda, which was at the period treated of equal to 4s. 6d., at Rs. 3½, we see that the Achyutarāya's land revenue amounted to 42 millions of rupees. But the purchasing power of the rupee then was greater than what it is now. Nuniz says⁴⁹ "that in the markets they give twelve sheep for a pardao, and in the hills they give 14 or 15 for a pardao," viz., about 4½ annas for a sheep. The present price of a sheep, when and where it could be got cheapest, is at least Rs. 2½ or 40 annas. In other words, the purchasing power of the rupee then was about ten times what it is now. During the time of Kṛishṇarāya, about 16 years before, it seems to have been a little less. Paes⁵⁰, writing about 1520, says that in the *city* of Vijayanagar—in the country they gave one more—they gave three for a coin worth a *vinitem*, which is equal to 17/20 of a penny. A fowl now, when it is cheapest, costs about 4 annas, which sum during the time of Paes would have brought at least 8 fowls. The difference, thus, in the purchasing powers of the rupee between the times of Kṛishṇarāya and Achyutarāya, separated as they were by a period of over 15 years, is not very great. Taking, then, the purchasing power of the rupee at ten times what it is now, Achyutarāya's total net land revenue would come to about 420 millions of rupees. The total land revenue at present of the Madras Presidency is about 63½ millions, or excluding the land revenues of Ganjām, Vizagapatām, Godāvari and Northern Kistna, and including that of Mysore it is less than 60 millions.⁵¹ It seems

⁴⁸ Sewell's *A Forg. Emp.*

⁴⁹ Sewell's *A Forg. Emp.*, 375.

⁵⁰ *Ibid.* 257.

⁵¹ *Madras Administration Report*, for 1901-02. Total land revenue, inclusive of cesses, of the whole Presidency, is Rs. 6,52,99,814. (Pages 5 and 117.)

The following is the average land revenue, inclusive of cesses, of the Districts noted in the text, for the three years ending 1901-2:—

Ganjām	...	17.99 lakhs.
Vizagapatām	...	19.25 "
Godavari	...	71.61 "
Kistna	...	71.33 "

(one half the amount taken into calculation.) (See *Ibid.* p. 82.)

The latest figure available for Mysore is that for 1894-95. The total land revenue for that year is stated to be Rs. 95,57,323. (See Rice's *Mysore*, I. 730.)

to follow from this that Vijayanagar taxation was about seven times that of the British, or about 42 per cent., an estimate that agrees with the former inference that the later Vijayanagar kings quite disregarded Mādhava's injunction of $\frac{1}{4}$ th of the gross produce paid in cash, and had in practice taken 50 per cent. of it. It would be much more, if we deduct from the present British revenue the amounts realised from the cesses and that derived from land that has since been reclaimed from the proverbial forest land of Southern India, and exclude also that resulting from the territories that form integral portions of the Presidency but which during the times of the Hindu kingdom were only nominally part of it and as such in fact brought no revenues at all. No wonder then that the renters of lands, of whom there were in all more than 200 in number,⁵² were tyrannical and that the common people, as Nuniz feelingly complains, suffered much hardship. It would further appear from a Vijayanagar inscription of about A. D. 1455⁵³ that the fees of the village establishment were paid from the share of the cultivator. That inscription records the exempting of a number of villages from the taxes that they usually paid to the Government. Those enumerated are "the prime-minister's quit-rent, the *karnam's* quit-rent, the dues on animals, trees and tanks, and all other dues"—how many more we do not know. In all probability, most of the petty imposts of the Chola period continued undisturbed throughout the Vijayanagar and the succeeding periods of Muhammadan rule when they were unduly multiplied and absorbed in the general system—Mohaturpha and Sayer. At any rate, tolls seem to have brought a good amount to the Vijayanagar exchequer. Of the principal streets of Nāgalāpūr,⁵⁴ the present town of Hospet, in Bellary District, built by Kṛishṇarāya in honour of his favourite wife, Nuniz writes,⁵⁵ "it yields forty-two thousand pardaos of duties for things which enter into it, the duties in this land being very great; since nothing comes through the gates that does not pay duty, even men and women, as well as headloads and all merchandise." Of the gates leading to "the city of Bisnaga," he says,⁵⁶ "this gate is rented out for 12,000 pardaos each year, and no man can enter it without paying just what the renters ask, country folk as well as foreigners." Nor could any one well evade this exaction, since the gate was well guarded by 1,000 men.⁵⁷

(To be continued.)

GOVERNOR RICHARD BOURCHIER.

BY WILLIAM FOSTER.

THE acquisition by the India Office of a half-length portrait (attributed to George Dance, Junior) of Richard Bouchier, Governor of Bombay, revives the memory of a half-forgotten worthy, and will perhaps justify the publication of a few notes upon a career that presents many points of interest.

There were Bouchiers or Bowchers in India in the late seventeenth and early eighteenth century, and probably the subject of this sketch was related to one or other of these; but the connexion has not been traced. Nor has it been discovered when and where he was born. Mr. Forrest, however, in his *Selections from the Bombay Records, Home Series* (Vol. I, p. xlv) says that Bouchier was sixty-one when he became Governor of Bombay; and this would indicate 1688 or 1689 as the year of his birth.

His name does not occur in the East India Company's records until October, 1718, when he applied to the Directors for permission to reside at Madras as a Free Merchant. His request was granted on November 26; and on the 3rd of the following month he was

⁵² Sewall's *A Forg. Emp.*, 389.

⁵³ *Ibid.* 363-64.

⁵⁴ *South Indian Inscriptions*, i, 119.

⁵⁵ *Ibid.*, 366.

⁵⁶ Sewall, *loc. cit.*, 363 and f. n. 1.

⁵⁷ *Ibid.*

authorised to carry out with him 2,000*l* in foreign bullion. He seems now to have engaged in what was termed 'the country trade,' *i. e.*, from port to port in the East. In June, 1721, he wrote from Gombroon (Bandar Abbas) to the Company, complaining of his treatment by the Agent there; while a Madras list of 1724 includes his name among the 'seafaring people in Bengall service.'

In 1725 Bouchier was at home, and (doubtless at the instance of his friends) was appointed (December 31) by the Directors Sixth in Council at Fort William in Bengal. He reached Calcutta on July 6, 1726, and was made Export Warehouse Keeper (and Member of Council) at 40*l*. per annum. This post he retained for six years, and then came a sudden blow. In July, 1732, arrived a letter from the Court of Directors, dismissing President Deane (who, however, had already relinquished office) and most of his Council, for sending home goods of an unsatisfactory quality. Bouchier thus found himself thrust out of office at a time when he had reached the rank of Second in Council and might reasonably look forward to becoming in his turn the President and Governor of Fort William.

Of the events of the next few years we know little; but it is certain that Bouchier remained in Calcutta and that at some unascertained date he was appointed Master Attendant there. A Calcutta tradition—preserved by *Asiaticus* in his *Ecclesiastical and Historical Sketches respecting Bengal*—ascribed to him the building of the Charity School House (which afterwards became the home, first of the Mayor's Court and then, for a time, of the Supreme Court); and this, it was said, he made over to the East India Company on condition that a sum of Rs. 4,000 was paid annually in return to support a Charity School and for other benevolent purposes. The tradition has, however, been shown by Archdeacon Hyde (*Parochial Annals of Bengal*, p. 91) to be erroneous, though it is possible that Bouchier contributed generously to the foundation of the Charity School (about 1731).

Evidently Bouchier had powerful friends in London, for, on February 18, 1743, the Court of Directors, at the instance of his uncle, George Harrison, appointed him to succeed Mr. Whitehill as Chief of Anjengo, on the Malabar Coast—one of the best posts in the Western Presidency. This decision was communicated to Bouchier by the Bengal Council on August 4, and on December 5 (having presumably spent the interim in winding up his affairs at Calcutta) he resigned the post of Master Attendant. He took up his appointment at Anjengo a few months later, and for the next five years we hear little of him. One little point may, however, be mentioned. He must have been acquainted with Sterne's 'Eliza,' who was born at Anjengo in April, 1744; and the acquaintance was doubtless renewed when in 1758 she married Daniel Draper, then Secretary to the Bombay Government.

It would seem that Bouchier's management of affairs at Anjengo gave satisfaction to the Directors, for on March 15th, 1749, they wrote to Bombay appointing him second in Council there, and directing him to proceed at once to the Presidency to take up his new post. In November, 1750, he succeeded Mr. Wake as President and Governor of Bombay and held the office until February, 1760—a period of rather more than nine years. The chief event of his governorship was the capture of Gheria from Tulaji Angria by Clive and Watson. Clive, by the way, complained bitterly of the way in which he had been treated by Bouchier, who had omitted to consult him in the case of a court martial upon a military officer; but his remonstrance only provoked a severe snub from the Governor and Council.

Bouchier went home in 1760, and apparently settled in Sussex. In his later years, it would seem, financial misfortunes overtook him, for he is stated to have died penniless and insolvent. According to the *London Magazine* for 1770 (p. 642), the date of his decease was December 4 of that year.

He was twice married. On November 25, 1723, he espoused at Calcutta a 'Mrs. Sarah Hawkins.' Eight children were born in rapid succession, and then, on February 12, 1739, Mrs. Bouchier died, aged 35 years, and was buried in the churchyard of St. John's, Calcutta, where a tablet to her memory now lies embedded at the base of the Charnock monument. A year later (February 6, 1740) Bouchier was married (again in Calcutta) to Elizabeth, widow of Joseph Badman. A daughter, Arabella, was baptised at the same place in November, 1742, and the couple had at least one other child (William), born at Anjengo on June 27, 1745. Elizabeth Bouchier died in August, 1756, and was buried in the Bombay Cathedral.

Most of Bouchier's sons went to India. Edward, the eldest, became a Writer in the Company's service at Dacca, but died before completing his twentieth year. Richard, the second, was allowed, while still a lad, to proceed to Calcutta 'to be of service to his father there.' Charles, the third, may be confidently identified with the Madras Writer of that name, who rose to be Governor of Fort St. George, 1767-70; while James, the fifth, became a Member of the Madras Council. George, the fourth son, obtained a Bombay Writership, but died after about nine years' service.

From the foregoing sketch, it will be seen that Bouchier just missed being Governor of Fort William, and actually became Governor of Bombay, while he had a son who, a little later, was Governor of Madras. Such a conjunction was surely unique.

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY. SERIES III.

BY H. A. ROSE, I.C.S.

(Continued from p. 264.)

Gotan : the women, visited by the bridegroom's father, who are of his own gens and live in the village, and are given one rupee each. Karnâl S. R. 1880, p. 132.

Golena, golnân : white clay used for plastering walls of houses, also called *chû chik*. The place where clay is dug for such purposes is called a *mithânnâ*. In Nûrpur, *makol*. Kângra Gloss.

Golfi ki sat : a fatal disease and there is no remedy for it; it seems to be anthrax fever, and the swellings which appear on the animal's body are ascribed to coagulation of the blood. Sirsâ S. R. 1883, p. 301.

Got kûndâla : a wedding ceremony in which the women of the family all eat rice, sugar and *ghî* out of the same dish with the bride and thus admit her into the family or clan. Sirsâ S. R. 1883, p. 167.

Goth : (1) a level place on which a flock is penned at night on a *dhâr* : (2) = *âhâr*, *q. v.* Kângra S. R. (Lyall.), p. 41.

Greh (in Kullû) : evil influence or bad luck, hence *aigâr*, unlucky, uncanny; *e. g.*, it is unlucky to mention the cuckoo till its voice is heard. Kângra Gloss.

Guji : a shroud. Cf. *ghûgi*.

Gul : core. Jullundur S. R., p. 122.

Gul : askew (beams in an upper storey not laid parallel to those in the lower storey are so called). Ludhiâna.

Gulâ : bread, made thick and lumpy.

Gulâbi : a fish (*Bolagôha*). Karnâl S. R., p. 8.

Guldâr : a snake (*Daboia Russellii*). Jullundur S. R., p. 12.

Guliât : heads of sugarcane, which are broken off and given to cows as food. Kângra Gloss.

Gulind: the snow pheasant, called *goiyā* or *gongmo* in Spiti. Kāngra Gloss.

Gulli: a groove near the edge of the potter's *chāl* (wheel). Karnāl S. R. 1880, p. 200.

Gūnch: a fish (*Bagarius yarrellii*). Karnāl S. R., p. 8.

Gundiālī: an edible arum. Cf. *arbi*.

Gūne: lots. Sirsa S. R. 1883, p. 405.

Gunthi: a ring. Karnāl S. R. 1880, p. 125.

Gupha: a grotto or cave scooped out of solid rock. *Kul* is a cave under a rock. Kāngra Gloss.

Gural: the Himalayan chamois (Kullū), see *pīj*.

Gurijāna: to lie down. Bauria *argot*.

Gurūwān: a greyish-yellow caterpillar, which eats the young shoots as they spring up. Jullundur S. R., p. 119.

Gyāl: a man who has died without a son. Cf. *ūt*. Karnāl S. R. 1880, p. 149.

Gyās devuthni: the eleventh of Kārtik. Karnāl S. R. 1880, p. 146.

Habbar: a field or bit of cultivated land, generally with a depreciatory application. Kāngra Gloss.

Habrū: land lying in small plots among boulders. Cf. *abrū*.

Haddin: *conj.*, however. (Potwār.)

Hagāi: betrothal (= *sagāi*). Bauria *argot*: *Ex.*: *hindo hagāi kari awiyen*, 'let us have him betrothed;' *hagāi kare awiye*, 'let us arrange a marriage.'

Hāhū: = *sāhū*. Bauria *argot*.

Hal chāk: a tenant-farmer residing in another village. Cf. *bhatrī*, *oprā* and *dudharcha opāhū*. Karnāl S. R., p. 8.

Halāri: the handle of a plough. Kāngra Gloss.

Haladhāt: the day of the first *bān* (ceremonial oiling). Karnāl S. R. 1880, p. 128.

Halai: land. Karnāl S. R. 1880, p. 168.

Halas: the beam of a plough. Ludhiāna S. R. 1883, p. 99.

Halatar: the first day's service (*jowāri*, *q. v.*) taken at ploughing time.

Halbāh: a ploughman. Hoshiārpur S. R., p. 53.

Halela: (*Terminalia chebula*) a tree. Cf. *harar*. Hoshiārpur S. R., p. 12.

Haler: a small place built to put ploughs in; also applied to the day when neighbours join to plough one man's land, eating at his expense. Such service is generally done in turn or for a man of influence, or a friend (see *jowāri*). Kāngra Gloss.

Hales (Gaḍi): the halting place below a pass on a high range from which the push across the pass is made. Kāngra Gloss.

Hālis: a beam passed through a mortice in the middle of a plough, to which the yoke is fastened. Karnāl S. R. 1880, p. 162.

Halkahā = *halkai* (P. D. p. 425).

Hallar: bastard. Pāngi.

Hallar: illegitimate birth. Kāngra Gloss.

Hallu: an effect of cold which attacks buffaloes only. Cf. *tilla*. Ludhiāna S. R. 1883, p. 134.

Halud: the process of constant weeding and hoeing; when a couple of feet high, the ground between the plants is ploughed up. Hoshiārpur S. R., p. 78.

Hān: an impermeable stratum of whitish clay. Sirsa S. R. 1883, p. 13.

Hānda: an appraiser or *kan-karnewāla*. Kāngra Gloss.

Hānda: a lizard—see *sānda*. *Bauria argot*. Ex. *hānda mārwa geiyo*, he has gone to slay *sāndas*.

Handa: a wooden pot in which milk is churned. *Sirmūr trans-Girf*.

Handal: a conical bag net with very fine meshes, used for catching small fry in running water. *Karnāl S. R.*, p. 7.

Haṇḍhāunā: to keep, harbour.

Handi, see *kauri*.

Hāndi: a big earthen pot; *hāndī*, a middle-sized one: see under *dhihādī*.

Handna: to trudge on foot. *Kāngra Gloss*.

Hāndo: lizard. Cf. *sānda*. *Sirsa S. R.* 1883, p. 124.

Handūr: an officer on a *kola*, whose duty it is to let on the water. *Kāngra S. R.* (Lyll.), p. 33.

Hanwāri: a fish (*Mugil corsula*). *Karnāl S. R.*, p. 8.

Hār: fields scattered here and there, forming the rest of a holding. *Kāngra S. R.* (Lyll.), p. 21.

Hāra: snake: *Bauria argot*.

Hārā: a sort of oven in which milk is heated. *Sirsa S. R.* 1833, p. 152. *Karnāl S. R.* 1880, p. 21.

Harar: (*Terminalia chebula*) a tree. Cf. *halela*.

Harar: a small mango fruit like the fruit of the *Harar*. *Hoshiārpur S. R.*, p. 15.

Harewa: a snake. Cf. *takwā*. *Jullundur S. R.*, p. 12.

Hargand: a crop of rice when ripe. *Hoshiārpur S. R.*, p. 89.

Hargi: an iron staff. *Simla Hills*.

Harh: *Terminalia chebula*. *Kāngra S. R.*, p. 21.

Hari: hither: *Bauria argot*. Ex. *hari āwī jā, hami thāin jā*, come hither.

Harkāri: vegetables, *Bauria argot*.

Hārkarn: the sum paid, in addition to the marriage expenses, by a man who abducts a man's wife, to her husband. *Dhāmī*.

Haro: here. *Bauria argot*.

Harriāban: a wild wood. *Hissār S. R.*, p. 15.

Harū: a snake. *Sirsa S. R.* 1883, p. 124.

Hāt: seven. *Sirsa S. R.* 1883, p. 124.

Hatarki: a leather glove faced with iron for beating the canes in a sugar press. *Karnāl S. R.* 1880, p. 182.

Hathāi: a guest-house. Cf. *chaupāl*. *Sirsa S. R.* 1883, p. 176.

Hathangna: commutation for *begār* or *corvée*. *Bilāspur*.

Hathrā: a frame made of mud and straw, something like a cage, in which lamps are sometimes put at the *Diwāli* festival. *Sirsa S. R.* 1883, p. 144.

Hathiār: the second son's share (a weapon or implement) in the inheritance. *Churāh*.

Hāti: a flat piece of wood with which boiled juice of sugarcane put to cool is worked about. Cf. *hātwa*. *Karnāl S. R.* 1880, p. 182.

Hatth jhāpnā: to lose.

Hātwa: a flat piece of wood with which boiled juice of sugarcane put to cool is worked about. Cf. *hāti*. *Karnāl S. R.* 1880, p. 182.

Hazīra: a tomb. *Ludhiāna S. R.* 1883, p. 36.

Hāziri: a small saucer of pottery in which lamps are floated in honour of *Khwajā Khizr*; also used for eating from and as a cover. Cf. *khwājiri*. *Karnāl S. R.* 1880, p. 122.

Hela : special *begār* or *corvée*, leviable for repairs to roads and buildings, providing supplies for the Rânâ when on tour, or State guests, and on special occasions, such as a wedding or a death in the Rânâ's family. Kuthar.

Hen : (Gâḍi) an avalanche or fall of snow. Kāngra Gloss.

Hent : (Gâḍi) a drift of snow in a gorge or ravine. Kāngra Gloss.

Heri : a caste which collects *kino* (resin which exudes from the *dhāk* tree). It came from the East. Karnâl S. R., p. 10.

Heri hui : a widow married again. Karnâl S. R. 1880, p. 136.

Herna : to see. *Kaddi-heri* ? when did you see it ? Kāngra Gloss.

Hiāli : supper. Keonṭhal

Hik : the chest, breast. Kāngra Gloss.

Hilsā : a fish (*Engraulis telara*). Karnâl S. R., p. 8.

Hindok : a handsome tree—found in the Jhajjar tahsil of Rohtak.

Hingo : a thorny tree or a shrub (*Balanites ægyptica*), Rohtak (*Balanites roxburghii*). Karnâl S. R., p. 9.

Hisân : = *ihsân*.

Hittu : *s. m.* friend, well-wisher.

Hiund = **Hiundhā** : winter ; from *hiun*, snow. Kāngra Gloss.

Hodh-karna : ploughing over young rice to destroy weeds, &c., or ploughing between rows of Indian corn. Kāngra Gloss.

Hoghār, ughār : the first ploughing ; *jhel*, second ploughing ; any subsequent ploughing is called *siyan*, from *sen*, moisture, the object being to thoroughly mix wet and dry together. Kāngra Gloss.

Holdnā : a practice of killing weeds in rice, by ploughing up and turning over the crop, weeds and all ; the weeds alone suffer, but the rice springs up again. Kāngra S. R., p. 27.

Hole : roasted gram. Karnâl S. R. 1880, p. 190.

Hondki : cooking pot. Cf. *Handa*. Sirmur trans-Girt.

Horna : to stop, to countermand. Kāngra Gloss.

Hubbi : a camel ailment, the neck swells and the mouth waters and the animal ceases to wag his tail. Sirsa S. R. 1883, p. 306.

Hudhār = *udhār*.

Hui jāna : to sleep. Bauria *argot*.

Hūngā : an instrument used for scaring animals. See *ghūdn*.

Hūr : pig. Bauria *argot*.

Ibhān : now. Kāngra Gloss.

Iḍḍā : *adv.* see *aiḍā*, so much.

Ikḱ = *hikḱe*, see next.

Ikḱe : *adv. loc.* of *ikḱ*, for one thing. Cf. Panjabi Dicty. p. 443.

Ikkowār : *adv.* at once.

Iklānā = *iklappā*. (P. D. p. 467.)

īn : the flying squirrel. The name is used in Lāhul and Spiti for the marmot. Kāngra Gloss.

Iniche : this way. *Uniche*, that way. Kāngra Gloss.

Irna : fuel. Sirsa S. R. 1883, p. 404.

Jabar : moist low-lying land, very good for sugarcane and rice. Hoshiārpur S. R., p. 69.

Jabrā : (*fem.* *jabrī*) an old man or woman. In Kullū *Kāprā*, (*fem.*) *Kāprī*. Kāngra Gloss.

Jāch : a festival. Kāngra S. R., p. 98.

Jadolan : a ceremony observed when for the first time a boy's hair is cut or a girl's ear and nose are bored for a ring. It is observed round about Kumharsain at the Matrî Deorî temple of Âdshakti. Simla Hills.

Jagannu : a torch of pine or cedarwood splinters. Kângra Gloss.

Jagjûp : a picture of Ganesh carved on a piece of stone or wood and set up in a house when completed, *i. q.*, *wâstû* (? *ûdâstû*) (S. *Vâstû*, the deity of a house.). Kângra.

Jahar=jahir (P. D. p. 467).

Jâhir pir : the greatest of the snake kings. Cf. *bâgarwâla*.

Jâhlu : when, at the time when ; *tâhlu*, then ; *khâlu*, at what time. Kângra Gloss.

Jâhra : the handle of a spade or *kodâl*. Kângra Gloss.

Jâkat : a little boy ; *munu* is also used ; *munî*, of a girl. Kângra Gloss.

Jâlâkri : the woodcock ; also called *ban kûi* or *naddilu* ; but all the three names are loosely used. Kângra Gloss.

Jâlâl : much the same as *jâbar* (moist low-lying land, very good for sugarcane and rice). Cf. *seba*. Hoshiârpur S. R., p. 70.

Jâljogan : a female spirit of a well or spring which is believed to cast spells over women and children and has to be propitiated with sacrifice. Chamba.

Jamdar : a spear. Simla Hills.

Jamna : right hand. Sirsa S. R. 1833, p. 124.

Jamoi : a tree (*Eugenia operculata* and *jambolana*). Karnâl S. R., p. 9.

Jan : a wedding guest. Churâh.

Janâi : wedding. Churâh.

Janâs, Junâs : a married woman. Kângra Gloss.

Janda : the board for making irrigation beds. Hoshiârpur S. R., p. 72.

Jandalwâsa : a place fixed for the residence of the guests of the bridegroom's party. Cf. *dândalwâsa*. Karnâl S. R. 1880, p. 130.

Jâni, jânji : the superior form of marriage in Pângi.

Janna : a man ; *ek janna*, a solitary man ; *do janna*, two men together ; *kitniân janniân*, how many women are there? Kângra Gloss.

Jâpet : the influence of a malevolent deity. Cf. *opri*. Karnâl S. R. 1880, p. 145.

Jarrî : steady fine rain or drizzle.

Jaswâlâ : (*auj.*) praiseworthy, reputable.

Jatâli : a messenger or watchman of a *kothî* appointed by a *râjâ*. Kângra S. R., p. 80.

Jathâl, jethâl : wife's elder sister. Kângra Gloss.

Jâthenjo : a *mela* held on the *Purn mâshî* (full moon) day in the month of Jeth every year, Simla Hills.

Jâtre-re-so : the dancing lawn or arena of a temple. Kângra S. R., p. 92.

Jauohani : a mixed crop of gram and barley. Karnâl S. R. 1880, p. 193.

Jaunchi : a weed. Ludhiâna S. R. 1833, p. 9.

Jaunda : a platform. See *daunja*.

Jausara : a snake (*Daboia Russelli*). Cf. *guldâr*. Jullundur S. R., p. 12.

Jawainia : a large mango fruit, smells like aniseed (*ajwain*). Hoshiârpur S. R., p. 15.

Jawâlâ jâtrâ : a fair held at long intervals, probably only once in the reign of a chief. It is held at Rashot, Châmbal, Jogshâ near Rathâl Kufar and Matrî Deorâ, on an auspicious day in the month of Baisâkh. Simla Hills.

Jawâsa : a tree (*Alhagi maurorum*). Karnâl S. R., p. 9.

Jel, jhel : a second ploughing of a field ; the first is called *hoghâr*. Kângra Gloss.

- Jela : powerful, from bodily strength or any other reason. Kāngra Gloss.
- Jera : a pitchfork with 6 teeth. Karnāl S. R. 1880, p. 162.
- Jeth-wāhag : eldest son's share (the best field). Churāh.
- Jethāl : wife's elder sister=*jathāl*.
- Jhagāla : a secret receptacle for treasure built in a house. Karnāl.
- Jhagga : a large blanket (?) Sirmūr.
- Jhajja : (Gāḍi) a steep hillside overgrown with long grass, bushes, etc., and hard to get along.
- Jhājri : a kind of earthenware *hugga*. Sirmūr cis-Girl.
- Jhāl : a lining of woven withies of *jhāo* or *simbhālū* or *tūnt* for lining the lower part of a *kacha* well. Karnāl S. R. 1880, p. 160.
- Jhāli : a rope net for carrying fodder. Karnāl S. R. 1880, p. 163.
- ? Jhalo nā to arrest : Bauria *argot*. Ex. *hapāhī jhaloan ave, hara para hathaī jā*. The constable is coming to arrest, let us escape.
- Jhalra : a necklace of 14 rupees. Karnāl S. R. 1880, p. 125.
- Jhaluhana : to singe, burn.
- Jhāmb : a dredge. Karnāl S. R. 1880, p. 159.
- Jhanjhiro : a tree. Rohtak.
- Jhāolī : a vessel made of pottery, flatter and smaller than the *daggā* (q. v.), with a mouth broad enough to admit the hand, for grain and flour. Karnāl S. R. 1880, p. 121.
- Jhāre : a small, prickly bush, which grows in abundance on the waste land of most villages. Cf. *mallah*. Ludhiāna S. R. 1883, p. 8.
- Jharpala : a scrub, the *zizyphus nummularia*. Rohtak.
- Jharri : drizzle (Gāḍi). Cf. *megh*.
- Jhatt langghnā : to spend a moment, pass any time (add to P. D. p. 497).
- Jhawāliyo : a cooking vessel; Ex. *jhawāliyo le awiyo, harhārī meliye*. Bring a cooking vessel and put the vegetables into it. Bauria *argot*.
- Jheau : a measure of grain, equal to 2 *serī kachha* of cleaned rice, or $2\frac{1}{2}$ of *dhān*.
- Jhel, jel : second ploughing—see under *hoghār*.
- Jhik jānā : to go down—see under *bunk*.
- Jhinwā : a good variety of rice. Kāngra S. R., p. 26.
- Jhoka : a man who tends fire. Hoshiarpur S. R., p. 82.
- Jhoka : a fireman who feeds the furnace for boiling juice of sugarcane. Karnāl S. R. 1880, p. 182.
- Jhokar : *Capparis horrida*. Cf. *hins*. Gurgaon S. R. 1883, p. 12.
- Jholā : a gust of wind.
- Jhona : a second-class rice. Hoshiarpur S. R., p. 88.
- Jhugla : a shirt. Karnāl S. R. 1880, p. 124.
- Jhūla : a rope bridge. Cf. *'aldā*.
- Jhund : see *gandra*.
- Jhundar : a rude and primitive method of extracting juice from sugarcane ; cattle are not employed, but strong active youths, and the cane is compressed by the sudden closing of two frames of wood. Kāngra S. R., p. 27.
- Jhūnditor : cutting down bushes and grubbing up stumps. Karnāl S. R. 1880, p. 168.
- Jhuttna = jhutna, add to P. D., p. 505.
- Ji akkna : to be vexed, annoyed.
- Ji kā sājji : a man who contributes only personal labour. Karnāl S. R., p. 112.
- Jichtāi : (s. f.) annoyance.

Jiddal : adj. perverse.

Jidhāri, jidhiāri : on the day when ; *tiddāri*, on that day ; *kiddāri* what day. Kāngra Gloss.

Jikkar : (Gāqī) a thicket or jungle of trees and bushes hard to penetrate.

Jindh, jindha : the stubble of corn in a field ; also called *kānki*. Kāngra Gloss.

Jingāl : the *surāo* deer—see *god*.

Jinjarāra : the ceremony of a woman's second marriage.

Jinsāl : an army tax. Kāngra S. R. (Lyall.), p. 33.

Jiyāch : a *jātra* : used in the Sanch *pargana* of Pāngi.

Jogia : a short red wheat of good quality. Karnāl S. R. 1880, p. 189.

Johal : the bed of an old drainage channel. Cf. *vāl* and *vāhal*. Sirsa S. R. 1883, p. 12.

Johar : marsh and waste land, moist with springs ; when cultivated with rice, it is called *naul*. Kāngra Gloss.

(To be continued.)

MISCELLANEA.

RĀJPŪTS AND MARĀTHĀS.

IN the *Journal of the Royal Anthropological Institute*, Volume XL., January-June 1910, Mr. Crooke deals with the kindred topics of Rājput̥s and Marāth̥ās, and claims to establish the contention that the term Rājput̥ denotes a status rather than a caste. Into the question of the accuracy of this contention, I do not propose to enter. So far as it goes, the evidence adduced is good. But a remark seems called for in connection with his description of the Marāth̥ās as the higher status group "of the Kunbī or Kurmī, a tribe widely spread in Northern and Western India." It is true, as I have remarked in the *Census Report of Bombay*, 1901, Chapter VIII, that Marāth̥ās are divided into a lower or cultivating class known as Kunbīs, who, when asked their caste, will describe themselves as Marāth̥ās, and a higher social group which may be called Marāth̥ās proper, claiming Kshatriya rank. But if Mr. Crooke had been asked to push his investigations further in the Bombay Deccan, he would have hesitated to describe the mass of Marāth̥ās as of the Kunbī tribe. So far as I can ascertain, the term *Kunbī* is just as much a 'status' term as Rājput̥, and means little more than a cultivator. In the Kanarese parts of the Bombay Presidency, the corresponding term is '*vakkal*.' Kunbīs in the Deccan, who describe themselves as Marāth̥ās, probably have an exceedingly mixed origin. At the present day, Kolis who take to cultivation are termed Kunbīs, and can readily become merged in the Marāth̥ā Kunbī caste. An interesting side-light on the value of the term Kunbī when applied to Marāth̥ās is thrown by the

results of Mr. J. A. Saldanha's investigations into the tribes and castes of the Sāvāntvādī State of the Bombay Presidency. The remoteness of this little State from the more accessible Konkan and Deccan tracts in which Marāth̥ās are commonly found, tends to confer a special value on the results of Mr. Saldanha's enquiries. Writing in the *Journal of the Bombay Anthropological Society*,¹ he says :—

"One seldom or never hears the name Kunbī applied to Marāth̥ā Shudra cultivators or used by them in Sāvāntvadi. In the *Bombay Gazetteer* (Volume X), no separate caste of Kunbī is mentioned as existing in the Sāvāntvadi State. Here many communities, which in the Ratnagiri and other neighbouring districts are classed separately from Marāth̥ās, namely, Kunbīs and Bāndes, Ghādis, Lads, Bhavins, Guravas, rejoice in the name of Marāth̥ā."

This tends to support my contention that Kunbī is an occupational term, as applied to the lower division of Marāth̥ās, and does not, as suggested by Mr. Crooke, represent a distinct tribe.

I hope to show later, in dealing with the results of the Ethnographic Survey of Bombay, what the chief constituent elements of the Marāth̥ās are. They are likely to prove more heterogeneous than has hitherto been supposed. At present I have no reason for holding that they can correctly be described as consisting largely of a Kunbī tribe.

R. E. ENTHOVEN.

August 18th, 1911.

EARLY SOUTH INDIAN FINANCE.

BY C. HAYAVADANA RAO, B.A., B.L., F.R.A.I. (LOND.), MADRAS.

(Continued from p. 272)

III.—Nāyaks of Madurā.

AFTER the crushing defeat inflicted by the combined Deccan Muhammadans on the Hindu kings of Vijayanagar at Talikota in 1565,⁵⁸ their kingdom broke up into several independent principalities,⁵⁹ their former governors now founding independent hereditary royal families. One of these was the Nāyak kings of Madurā, who ruled over the modern districts of Madurā, Tinnevely, Trichinopoly, and part of Salem, for about two centuries,⁶⁰ (1559-1741 A. D.). Father Vico, one of the Madurā Jesuit Mission, writing in 1611, sketches for us their revenue administration:—"The king or Grand Nāyaker of Madurā," says he,⁶¹ "has but few domains which depend immediately on him, that is to say, which form his property (for in this country, the great are sole proprietors, and the people are only tenants or farmers); all the other lands are the domains of a multitude of petty princes or tributary lords; these latter have each in his own domains the full administration of the police and of justice, if justice there is at all, they levy contributions which comprise at least the half of the produce of the lands; of this they make three parts, the first of which is reserved as tribute to the Grand Nāyaker; the second is employed in supporting troops, which the lord is bound to furnish him; the third belongs to the lord. The grand Nāyakers of Madurā, like those of Tanjore and Gingee, are themselves tributaries of Vijayanagar, to whom they pay, or ought to pay, each one an annual tribute of from six to ten millions of francs. But they are not punctual in their payment; often they delay, and even sometimes refuse insolently; then Vijayanagar arrives or sends one of his generals at the head of a hundred thousand men to enforce payment of all arrears, with interest, and in such cases, which are frequent, it is the poor people who are to expiate the fault of their princes; the whole country is devastated and the population is either pillaged or massacred." This letter shows that the subordinate princes, to whom the lands had been given, took "at least the half of the produce of the lands." It also shows the enormous amount that the Nāyaks derived from land. According to it the three viceroyalties of Madurā, Tanjore, and Gingee were each bound to pay a tribute varying from six to ten millions of francs or between £240,000 and £400,000 to the Vijayanagar sovereign, and if the Madurā province, which was the most extensive of those named, paid the higher sum; it is apparent that the revenue taken from the ryōts of that province must have been at least three times that sum or £1,200,000 or about 180 lakhs of rupees. In fact, most of the lands included in the Madurā province were in the hands of Poligars, who, it is stated, paid to the local viceroys only one-third of the revenues of their *pōlaiyams*, and out of this one-third, the viceroys had to pay the tribute after defraying their own expenses. The Madurā province, as already stated, comprised the present districts of Madurā, Tinnevely, and part of Salem. The land revenue of these districts aggregates now about 120½ lakhs of rupees only⁶², and

⁵⁸ Sewell's *A Forg. Emp.*, 199.⁵⁹ *Ibid.* 219.⁶⁰ *Madurā District Manual*, Part III, pp. 83 and 239.⁶¹ *Ibid.* 149-150.⁶² *Madras Administration Report* for 1901-2 gives the following average land revenue, inclusive of cesses, for the three years ending 1901-2:—

Madurā...	...	...	34'34 lakhs.
Tinnevely ...	...	...	34'68 „
Trichinopoly ...	...	...	24'07 „
Salem ...	...	...	27'28 „ (See p. 82.)

when it is remembered that in the 16th and 17th centuries much of the country now under cultivation was covered with forest and that the purchasing power of the precious metals was several times higher than it is at present, and that the present land revenue includes cesses, we might form an idea of the large share of the gross produce which the Nâyaks took as revenue.⁶³ Perhaps, a possible approximation of the intensity of Nâyak land assessment may be reached in this way. Father Martin, writing in 1713, says that 8 *marakdls* of rice could in ordinary seasons be bought for one *fanam* and would keep a man in food for more than fifteen days. Mr. Nelson, the Editor of the *Madura District Manual*, takes a *fanam* as equal to 2½ *d.* and a *marakdl* to be of twelve pounds weight. From these data, he deduces that the purchasing power of the rupee, at the commencement of the 18th century, would have been more than forty times what it is now.⁶⁴ Mr. Srinivâsa Râghavaiyengar, author of the *Memorandum on the Progress of the Madras Presidency during the last Forty Years of British Administration*, estimates it even more moderately. If the quantity of rice required, says he, by a person be 3 lb. *per diem*, that required for fifteen days would be 45 lbs. Even if this reduced quantity be worth 2½ *d.*, the price would have been 480 lbs. per rupee or 1/12 of the price at the present time: in other words, the purchasing value of the rupee would have been in the beginning of the 18th century twelve times what it is now. If the purchasing power of the rupee was even half as much as this in the beginning of the 17th century, when Father Vico wrote, then Nâyak land revenue would amount to six times 120 lakhs of rupees, or, making allowance for the difference in area, Nâyak assessment was over nine times the actual British taxation of the present day, *i. e.*, over 50 per cent. of the gross produce. This estimate would seem to agree with the other statement of Vico that Nâyak feudatories took "at least half of the produce of the lands." Besides the land revenue there were the usual imposts on every kind of profession and art; land customs; plough tax; ferry-boat tax; free labour service, etc.⁶⁵

IV.—Nâyaks of Coimbatore.

The Nâyak Government of Coimbatore seems to have been even worse. A Jesuit missionary letter of the first half of the 17th century describes its rulers as "considering themselves rather owners of the people, and their kingdom as a vast farm to be operated upon. While they are of unbounded energy and acuteness in extorting from their subjects the utmost possible revenue, they are wholly blind, careless, and weak in the matters of order, justice, and repression of crime."⁶⁶ Another letter speaks of it as a "mere tyranny and a mass of confusion and disorder."⁶⁷

Nor was the administration of Tanjore under the Marâṭhâ rulers, who held it for about a century and a quarter (1674—1799),⁶⁸ any way better. The deplorable condition of the ryot in 1683, when Venkâji, the first of the dynasty and brother of the celebrated Śivâji, the founder of the Marâṭhâ power in India, was king, is thus alluded to in a letter of the well-known but ill-fated Jesuit Missionary John De Britto,⁶⁹ who was an eye-witness of what he wrote. "Tanjore," he says, "is in the possession of Ekôji (Venkâji) with the exception of a few provinces which have been seized by the Marava." Here is a short sketch of the administration of this country. Ekôji appropriates four-fifths of the produce. This is not all. Instead of accepting these four-fifths in kind, he insists that they should be paid in money; and as he takes care to fix the price himself much beyond that which the proprietor can realise, the result

⁶³ *Madura Dt. Manual*, Part III, 149-156.

⁶⁴ *Ibid.* 155-56.

⁶⁵ *Madura Dt. Manual*, Part III, 153-155. ⁶⁶ *Coimbatore Manual*, 89-90, quoting Mission De Madure, II, 384.

⁶⁷ *Ibid.* 90, quoting Mission de Madure, II, 6.

⁶⁸ *Tanjore Manual* (Dewan Bahadur T. Venkasami Rao's Edn.), p. 730.

⁶⁹ *Madura Dt. Manual*, Part III, 151, quoting Mission de Madure.

is that the sale of the entire produce does not suffice to pay the entire contribution. The cultivators then remain under the weight of a heavy debt; and often they are obliged to prove their inability to pay by submitting to the most barbarous tortures. It would be difficult for you to conceive such an oppression, and yet I must add that this tyranny is more frightful and revolting in the kingdom of Gingee. For the rest this is all I can say, for I cannot find words to express all that is horrible in it." This letter shows that Venkâji took full 80 per cent. of the gross produce as revenue, leaving only 20 per cent. to the cultivators. On the accession of Râjâ Pratâpsing in 1741, the cultivators enjoyed 29 per cent. of the *pisânam* (staple crop), which required additional labour in watering.⁷⁰ The rate for the former was raised by him and his successors till it amounted to 40 per cent. in the time of Amîrsing.⁷¹ These rates applied solely to cultivation under river irrigation. In regard to wet cultivation under rain-fed tanks, the *vâram* varied from 50 to 60 per cent. of the gross produce.⁷² Besides the regular land assessment, there were several cesses, the names, nature, and extent of as many as twenty-seven of them being known.⁷³

V.—Nawabs of Arcot.

The conquest of Bijâpur and Golkondâ by Aurangazîb by 1687⁷⁴ opened the way for Marâṭhâ raids into the south of India. But that puritanical Mogul would not desist from making the south an integral portion of his empire.⁷⁵ Mogul thus followed in the wake of the Marâṭhâ and the state of the country, towards the end of the 17th and the beginning of the 18th centuries, was truly distressing. Zulifkâr Khân, the Mogul general in the south, was employed in a course of incessant and destructive warfare. "The express statement," says Wilks,⁷⁶ "of nineteen actions fought and three thousand coss (6,000 miles) marched by this officer in the course of six months only, may afford some faint idea of the wretchedness in which the unfortunate inhabitants were involved during that period, and these miseries of war, in the ordinary course of human calamity, were necessarily followed by a long and destructive famine and pestilence." Within this period, Zulifkar Khân made three different expeditions to the south of the Cauvery, levying heavy contributions on Tanjore and Trichinopoly. Both the Marâṭhâ and the Mogul fleeced the cultivators, who often had no alternative but to give up their occupation and turn freebooters themselves. Shortly after, followed the war in the Coromandel (174-1761) between the rival Nawâbs of Arcot, aided by the rival *subadars* of the Deccan and the French and the English on opposite sides. This ended in the Treaty of Paris of 1763 which recognised Muhammad Ali as the Nawâb of the Carnatic, though to the close of the century the country knew no rest through the devastating invasions of Haider Ali, the usurper of the Mysore throne. The territories, over which Muhammad Ali's rule, nominal or actual, extended, were divided into the four *Subhâs* of Arcot, including the present districts of North Arcot, South Arcot, Chingleput, which was in 1763 granted as a *jâghîr* to the East India Company; Trichinopoly, to which in 1774 was added by conquest the Marâṭhâ kingdom of Tanjore; Madurâ, including the present Tinnevely district; and lastly Nellore. The system of administration introduced by the Nawâbs of the Carnatic was utterly destructive of the ancient village institutions of Southern India.⁷⁷ To each of the *Subhâs* was appointed a Fauzdâr,⁷⁸ or Military Governor, who exercised the supreme authority of the State in it as the chief officer and representative of the Nawâb. During early times he

⁷⁰ *Tanjore Dt. Manual*, 476, quoting *Report of the Tanjore Commissioners of 1798*.

⁷¹ *Ibid.* 477.

⁷² *Ibid.* 479.

⁷³ *Ibid.* 482, 483, and 487.

⁷⁴ See Lane Pole's *Aurangazîb in the Rulers of India Series*, 183.

⁷⁵ *Ibid.* 190.

⁷⁶ *Historical Sketches*, etc., I., 135.

⁷⁷ See *Nellore Dt. Manual*, 481, and *North Arcot Dt. Manual*, I., 117-8.

⁷⁸ Caldwell's *History of Tinnevely*, 125; *Nellore Dt. Manual*, 482.

was usually a Muhammadan and almost always a favourite of the Nawâb. The revenues of each *Subhâ* were farmed out in large portions, never less than taluks, or sometimes even whole *Subhâs*, to renters,⁷⁹ who paid the revenue sometimes to the Fauzdâr and sometimes direct to the Nawâb's court.

"All the demands of the State were" writes an authority,⁸⁰ "in this manner farmed out to the highest bidder, whose hope of profit, therefore, lay in what he could extort from the people. The uncertainty of his position—liable as he was to be ejected at the caprice of the Nawâb—made the renter neglectful of developing or fostering the resources of his charge, which it would have been his interest to do had his tenure been more permanent. His aim was simply to get as much out of the country as he could; to conceal what he got; and to pay the Nawâb or his agents as little as possible. The renters, on obtaining the rent, had to pay a *Nazrana* or benevolence to the Nawâb, and another to the Fauzdâr; and if it became notorious that the renter had made a good thing of his contract, or if the Nawâb wanted money, extra *Nazrdnas* were, from time to time, demanded. If the renter could not or would not pay, either the rent was given to another, or the demand was discontinued, and the holder of the Nawâb's orders vested with full power to recover the amount any way he could. The renters when pressed by the Government, tightened the screw on the sub-renters, generally the head inhabitants of villages; and these in their turn, recouped themselves at the expense of the other inhabitants, who were the ultimate sufferers. The Fauzdâr, whose power was the only check on the renters, leant to their side as being those who could pay best, so that the inhabitants got scant justice. Even this slight check disappeared in the last quarter of the 10th century when the misgovernment of the Carnatic reached its height under Muhammad Ali and Umdat-ul-Umra. Then whole provinces were leased out and the Fauzdâr and head-renter were often the same person. This was repeatedly the case in Nellore.⁸¹ Under these circumstances the last resource of the inhabitants was flight. Large numbers were thus driven from their villages and took refuge either in the Ceded Districts, Madras, or the Company's territory in the Northern Circars. The renters themselves, when hard pressed by the Nawâb, adopted a similar course. When the Fauzdâr was also renter, the peculation and corruption that took place under the other system were doubled. All the demands from all the sources of the revenue and all payments on account of the Nawâb, were then in the hands of the renters. Tankas or orders for money, which the Nawâb used to issue on the renters, were unpaid, but credits were taken in the accounts; so also for the pay of the Nawâb's troops stationed in the district, which had never been disbursed; for pensions, which were paid to the generality of the recipients for from three to six months of the year; and in short, fraud and extortion flourished, of course, under a government by unscrupulous speculators. "The oppression of the under-renters (usually heads of villages)," says the Fifth Report,⁸² "principally consisted in levying private contributions on frivolous pretences; in under-assessing lands in the occupation of themselves, their relations, or friends, and making up the differences by an over-assessment of the other village cultivators, more especially those who were the poorest, and therefore unable to protect themselves; in forcing the poorer ryots to cultivate their lands and to perform for them, free of charge, various

⁷⁹ *North Arcot Dt. Manual*, I, 119; *Garstin's South Arcot Dt. Manual*, 233; *Moore's Trichinopoly Dt. Manual*, 179; *Nellore Dt. Manual*, 482; *Nelson's Madura Dt. Manual*, III, 274, 277, 280, and IV, 4 et seq.; *Caldwell's Tinnevely*, 125-6. As to Chingleput, see *Orme's Indostan*, II, 368, 562, and *Chingleput Dt. Manual*, 281. Also see Fullerton's *View of the English Interests in India*, 102-3, 138, 245-6, and 248-252 particularly.

⁸⁰ "M. C. S." in the *Nellore Dt. Manual*, p. 482-4.

⁸¹ So it would appear in the other *Subhâs* also. See Fullerton's *View of the English Interests in India*, p. 248-252.

⁸² *Fifth Report of the Parliamentary Committee for the East India Affairs*, 1813.

other services; in monopolizing the produce of the several villages, which they afterwards disposed of at an advanced price; and in applying to their own use the allowances and requisites of the *pagodas* and village servants, by which the parties were deprived of their rights, or the inhabitants, as was often the case, were obliged to make good the loss." "They also secured for themselves, either for tillage or pasture, the best lands of the village. Thus the mass of the people were ground down, nothing beyond a bare subsistence left them, and improvement in their condition was impossible."⁸³ An equally harrowing picture is drawn by Colonel Fullerton, who was Commander of the Southern Army of the Coromandel Coast during the years 1782-4, of the southern districts under the management of these wretched "inferior instruments (the renters) who are eager to perpetuate oppression, and to enforce unusual measures by unprecedented means."⁸⁴ In these circumstances it would be nothing less than strange if the Nawâb's officers did not take what they chose for the Government share. Even if they wanted authority of a written test they would have found one in the *Hedaia* which states, "The learned in the law allege that the utmost extent of tribute is one half of the actual product, nor it is allowable to exact more. But the taking of a half is no more than strict justice and is not tyrannical, because, as it is lawful to take the whole of the person and property of infidels and distribute them among the Mussalmans, it follows that taking half their incomes is lawful *a fortiori*."⁸⁵ It is, however, more than doubtful if ever they consciously acted on the principle so openly asserted as that, for their radical defect was not so much a system founded upon avarice and cruelty but the lack of any system whatsoever that was compatible with good government.⁸⁶ The effect was, however, all the same. The State share was in theory one half of the gross produce,⁸⁷ and the collection was farmed out to unscrupulous renters, who as the biggest bidders, had every inducement to fleece the poor cultivators as much as they could, so much so that the latter deemed themselves fortunate if they held back stealthily a bare subsistence for themselves. "The renters preferred to a moderate and fixed money rent, a large share of the crop, which by extortion they could increase, and which they could realise more easily than a proportionate money rent; while the ryots, as they afterwards often showed when the proportionate money rent was introduced, preferred a system, under which by deceiving the renter and abstracting the produce, they could easily secure better terms for themselves."⁸⁸ Renters on the coast," says Colonel Fullerton, "have not scrupled to imprison reputable farmers, and inflict on them extreme severity of punishment, for refusing to accept of *sixteen in the hundred as the portion* out of which they were to maintain a family, to furnish stock and implements of husbandry, cattle, feed, and all expenses incident to the cultivation of their lands." Thus, in the present North Arcot district the rapacity of the renters had been so great that it was only in a few *jâgîr* villages that the ryots got their full proportion of *vâdram*, while in Government villages sometimes the whole produce had been seized by the renters or the Nawâb's servants. In others, the cultivators received one to three parts out of ten, instead of the customary four or five. Their share was in fact often "only what they could conceal or make away with."⁸⁹ In Trichinopoly, as a general rule, the crops were equally divided between the Nawâb's government and the cultivators, after a deduction of 5 per cent. of the gross produce had been made for reaping expenses. But, since the allowances, paid to the village establishment, which varied from 23 to 28 per cent of the

⁸³ *Nellore Dt. Manual*, 434.

⁸⁴ *Loc. cit.*, 248-252. See also *Chingleput District Manual*, 231.

⁸⁵ *Hedaia*, Bk. IX, chap. 7, quoted in Wilks' *Historical Sketches*, 101-102. "This text was written in the sixth century of Hijera, and had undoubtedly been," says Wilks, "the chief rule of action since that period."

⁸⁶ Sir Thomas Munro rejects, after a lengthy argument, the view that assessments were low under ancient Hindu Governments and were raised by Muhammadan rulers. See his *Minute on the State of the Country and the Condition of the People*. Arbutnot's *Munro*, I, 237-75.

⁸⁷ Col. Fullerton, a contemporary of the times, is explicit on this point. See his *View*, 249.

⁸⁸ "M. C. S." in the *Nellore Dt. Manual*, 477.

⁸⁹ *North Arcot District Manual*, I, 119.

gross produce, were paid by the cultivators alone from their share, they had really only about 23 per cent. As regards lands under dry cultivation, the demands were made in a most arbitrary manner, and were invariably increased if the out-turn of the crops happened to be better than usual. The sale of grain, moreover, was a strict monopoly, the price being fixed by the manager. All importation was forbidden, and it was an offence punishable by exorbitant fines, even to lend a neighbour such small quantities of grain as he might require for his immediate support. The grain was taken from the cultivators at the rate of 7 and 8 *fanams*⁹⁰ per *kalam*, and sold back to them from Government granaries kept in different parts of the district, at 9 and 10 *fanams* per *kalam*. When Mr. Wallace, the first Collector of Trichinopoly, settled the Government revenue, he had to base his settlement on the prices of grain prevailing in the neighbouring districts, as its natural prices in the Trichinopoly district itself could not be ascertained in consequence of the Government monopoly in it which had long been subsisting there.⁹¹ Tanjore, which was in the Nawâb's possession during the years 1774-5, was almost ruined, as Schwartz, the well-known Lutheran Missionary, puts it in a letter to his English friends in 1799, by his "inhuman exactions."⁹² In 1774-5, the year of his sole management, the Nawâb extorted from the landholders no less than eighty-one lakhs of rupees—a sum not yet reached with all the development of the natural resources of the country under the influence of peace and improved administration in the course of more than a century of British rule.⁹³ The highest revenue exacted by the Marâthâs of Tanjore was 57½ lakhs of rupees, and that was by Râjâ Pratâpsing in 1761.⁹⁴ In Tinnevely from 1770 to 1780, the usual grain rents prevailed, and the Nawâb's Government took 60 per cent. of the gross out-turn of the wet land; and from 1780 to the end of the century 50 per cent. after deducting before the division some small cultivation expenses, besides ready-money cesses of varying amounts.⁹⁵ In Nellore, the Nawâb took 55 per cent. while the village fees absorbed 3¼ per cent., leaving only 41¼ per cent. to the ryots.⁹⁶

Besides the income derived from the land, the Nawâb had various other sources of revenue, all of them of a ready-money character, by which he squeezed out the poor inhabitants of their last coins. This was in general known as the "Sayer" or miscellaneous revenue and, as usual, rented out to the highest bidders. It comprised the duty on salt, transit duties collected at inland stations on all kinds of merchandise, personal and professional taxes, called *Moturpha*, sometimes levied on houses or shops and sometimes as a poll tax, on merchants, weavers, oilmakers, fishermen, goldsmiths, brass-smiths, dyers, painters, cotton-spinners, etc., all assessed on no fixed principles; and the export and import duties. The evil of renting the transit duties tended to the multiplication of stations where they were exacted, so much so that in some cases they were erected three miles off each other on the same road. "So unsupportable," complains Colonel Fullerton, "is this evil, that between Negapatam and Palghatcherry, not more than three hundred miles, there are about thirty places of collection; or, in other words, a tax is levied every ten miles upon the produce of the country." But their number was not so great a check on the trade as the uncertainty and variation of rates. The effect was, the trade was checked very greatly. No enterprises involving the transport of goods for long distances could be undertaken, as the profits would be swallowed up in customs; and the variation of rates rendered a safe calculation of profit impossible. That such a system, or rather the want of it, such as this, should have the effect of

⁹⁰ 30 *fanams* made a *pajoda*; so that a *fanam* equalled 1 anna and 10½ pies of our present currency.

⁹¹ *Trichinopoly District Manual* (1st Edn.), pp. 180-1, quoting Mr. Wallace's Settlement Report for Fasli, 1211 (1801-2).

⁹² Wilks' *Historical Sketches*, I, Appdx. 523, *et seq.*

⁹³ The average land revenue for the 3 years ending 1901-2, including cesses of Tanjore, is 64'48 lakhs. See *Madras Administration Report* for 1901-2, pp. 82, *et seq.*

⁹⁴ *Tanjore District Manual*, 1st Edition, pp. 810 and 467. ⁹⁵ *Tinnevely Manual*, 70-1. ⁹⁶ *Nellore Manual*, 477.

diminishing the revenue is only what was to be expected.⁹⁵ "In short," says the authority already quoted, "the Mussalman rulers seem, like the man in the fable, to have done their best to kill the goose with the golden eggs."⁹⁶ No wonder then that the revenues of the Nawâb for the last twenty years of his management in Nellore steadily declined.⁹⁷ Nor was it better in any way of the other *Subhâs*. Everywhere it was the same tale of cruel oppression and worse rack renting. The rapacity of the renters in every department of the revenue pauperised the people and left the cultivating masses nothing but their ploughs and cattle. The moneyed class was conspicuous by its absence. Trade was paralysed, and there were few indeed who lived by it. Irrigation was everywhere neglected, and roads there were none, properly so called. The confusion and uncertainty of revenue system; the oppression of renters; the fraud and venality which had infected all ranks, the poverty of the cultivators, who were nine-tenths of the community; the stagnation of the trade and manufacture consequent on restrictive taxation and general insecurity; the depredations of Poligârs and Kâvalgars, the supposed guardians of the public security; the total want of a system of judicature, all these, in the words of the authority⁹⁸ already quoted, combined everywhere in the Nawâb's territories to produce a state of things which was wretched in the extreme and from which the country has not, despite the peace and progress of over a century under the ægis of British rule, yet recovered.

Summary.

To sum up :—Between the 11th and the 13th centuries A. D., the Chôlas, who ruled over the whole of what is at present known as the Presidency and a good deal even beyond it, took between 13/30ths and 4/15ths of the gross produce from the cultivators, for the Government share. This is about from 4 to 7 times greater than the proportion taken by the British Government at the present time, which is less than 6 per cent. or 1/17th of the gross produce. The proportion taken by the Chôlas would be much greater than that of the British, if we but considered the greater purchasing power of the precious metals then than it is now. Their other revenues were derived from a number of petty imposts which invaded every calling and occupation, and must have been a great impediment to the growth of commerce and enterprise. One of their later kings, who ruled between 1063 and 1070 A. D., commuted a portion of the Government share into a money payment, while another successor of his abolished most of the vexatious taxes and resurveyed the lands—the first survey having been carried out at least a century before—about 1086 A. D., the time of the famous Domesday survey in England, and recouped the loss sustained by a revision of land assessments. Thus, the principle of temporary and not permanent settlements seems to have been adopted by the ancient Chôlas, and considering the praises bestowed upon the particular kings who carried out these reforms, there is every reason to believe that the people preferred a little addition to their land assessments to the retention of the oppressive imposts. In the matter of collection and remission, the Chôlas seem to have been more rigorous than their British successors, refusing, as they did, even the expected remission when the crops had been destroyed wholesale by *vis major*.

On the decay of the Chôlas came the Vijayanagar kings. From about the middle of the 14th century to 1565 their supremacy was undisputed throughout southern India and Mysore. The early kings, if we may believe the treatise on law and government, written by their first Prime Minister, Mâdhava, who was, according to unvarying tradition, chiefly instrumental in bringing their kingdom into existence, raised the land tax to $\frac{1}{4}$ of the gross produce, which was paid in cash and was exclusive of the fees absorbed by the village establishment, which was met from the cultivators' share. Their later successors of the sixteenth century disregarded the tax and practically raised it to

⁹⁵ *Nellore District Manual*, 485-8.

⁹⁶ *Ibid.*, 488.

⁹⁷ *Ibid.*, 489.

¹⁰⁰ *Nellore Manual*, 494-5.

one-half. Their land revenue for the whole of the Madras Presidency and Mysore, except the districts of Ganjam, Vizâgapatâm, Godâvari, and the northern part of Kistna, which never came under their survey, was, according to the chroniclers, Paes and Nuniz, who visited Vijayanagar about 1520 and 1583-7, about 120 lakhs of pagodas. This in modern currency would be worth about 420 millions of rupees, the purchasing power of the rupee being about ten times what it is now. Allowing for the difference in area under cultivation, this means that Vijayanagar taxation was over seven times what the British is at present, or over forty-two per cent of the gross produce, taking the land revenue of the Madras Presidency, with the exception of the excluded districts and Mysore, according to the latest available statistics, at about sixty millions of rupees. But since the fees of village establishment and the expenses of the cultivation, as of necessity, were met from the cultivators' share, he would be left with a proportion, which, by the exactions of the renters, amongst whom the country was parcelled out, would only be reduced to a bare subsistence. Hence it is that Nuniz feelingly complains that "the common people suffer much hardship, those who hold the lands being so tyrannical." Besides the income derived from lands, the Vijayanagar kings had many other sources of revenue. The collection of tolls alone seems to have brought enormous sums to the treasury.

On the break of the Vijayanagar kingdom after the battle of Talikota, its former governors became everywhere independent. The Nayaks of Madura were one of these, and they ruled over the present districts of Madurâ, Tinnevely, and Trichinopoly, besides a part of Salem. Their feudatories, amongst whom the country was divided, according to a Jesuit letter of 1611, took "at least the half of the produce of the land." Their land revenue, according to the same letter, seems to have been about £1,200,000, or 180 lakhs of rupees. The purchasing power of the rupee in the beginning of the 18th century would, from another Jesuit letter, appear, on the most moderate calculation, to be about twelve times what it is now. If it was only half as much—the probabilities are it might have been greater—in the beginning of the 17th century, then Nâyak land revenue would, in modern currency, be about 1,080 lakhs of rupees.⁹⁹ The present land revenue of these districts jointly amounts to about 120½ lakhs. Allowing for the difference in area and for the cesses included, Nâyak land revenue of the present day is over 50 per cent., which quite agrees with the other statement in the Jesuit letter that the Nâyak feudatories took "at least half of the produce of the lands." The Nâyak government of Coimbatore is described in a third Jesuit letter as a "mere tyranny and mass of confusion and disorder." The other sources of Nâyak revenue were the usual vexatious imposts on every kind of profession and art; land customs; fishery; plough-tax; ferry-boat tax, etc. They also exacted free manual labour. Tanjore under the Marâthâs fared no better. The celebrated Jesuit missionary De Britto says, in one of his letters, that Venkâjt, the founder of the dynasty, exacted four-fifths of the produce and insisted on its payment in money at a rate fixed by himself. The result of his thus extorting 80 per cent of the gross produce was that the sale of the entire produce did not suffice to meet the whole contribution. There were, besides the land revenue thus exacted, several cesses, the nature and extent of as many as 27 being known.

The decline of Nâyak power in the south prepared the way for Muhammadan conquest. The conquest of Bijâpur and Golconda by the Mogul emperor, Aurangazib, opened the line for predatory Marâthâ marches, followed up by Mogul generals to put them down. Both Marâthâ and Mogul conquerors fleeced the inhabitants everywhere during the end of the 17th and the beginning of the 18th centuries. The establishment of the Nawâb of Arcot was a fresh beginning towards settled government and order, but the war of succession that followed in the Carnatic soon after, during the years 1749-1761, between the rival Nawâbs, aided by the rival

⁹⁹ 120½ lakhs includes the revenue for the whole of Salem, whereas only a part of it was under the Nâyaks. Moreover, the area under cultivation has increased since Nâyak times.

Subhedars of the Deccan and the French and the English nations on opposite sides, postponed it to a later date. However, Muhammad Ali was recognised as Nawâb in 1763, and that indeed was a step gained towards security and order in the south. But his system of government in the four Subhas—Arcot, Trichinopoly, Madurâ, and Nellore—was entirely destructive of the ancient village institutions of the country, and conducted as it was through rapacious renters, was the worst kind of tyranny that was compatible with the name of government. In theory, the land tax was the now usual one-half of the gross produce paid in kind. But the rapacity of the renters reduced the other half of the cultivator to almost nothing. In the vigorous language of Colonel Fullerton, a contemporary of the times, "the renters on the coast did not scruple to imprison reputable farmers, and to inflict on them the extreme severity of the punishment, for refusing to accept of sixteen in the hundred as the portion out of which they were to maintain a family, to furnish stock and implements of husbandry, cattle, feed, and all expenses incident to the cultivation of their lands." "Their share, in fact," writes another authority, was often "only what they could conceal, or make away with." The system of renting, which pervaded every department of public revenue, pauperised the masses, paralysed trade, wracked irrigation, and in general produced a state of things which was wretched in the extreme and from which, despite the peace and progress of over a century, under the ægis of British rule, the country has not yet thoroughly recovered.

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY.

SERIES III.

BY H. A. ROSE.

(Continued from p. 280, Vol. XXXIX.)

Johâri : the ceremony at which the bride's mother puts the *tika* on the bridegroom's forehead and gives him one rupee and two *laddûs* ; other women also feed him. Karnâl S. R. 1880, p. 132.

Johl, johal : a long field or strip of low land sunk below the ordinary level. Kângra, Gloss.

Jokham : risk. Sirsa S. R. 1883, p. 191.

Jol : a long strip of land running between two banks or ridges of rock. Kângra Gloss.

Jongra, jongla : a yoke for oxen. Kângra Gloss.

Joth : a pass in the high Himâlayas ; also applied generally to a great range.

Jowârâ, jowâri : (1) a bee or alternate gathering of neighbours to do some farm work such as *lundî* (reaping), *niddî* (weeding) on one holding. The proprietor finds food and drink and sometimes music for all present ; a bee to cut grass is often called a *kharodî* ; (2) *jowâri*, a form of service, consisting of one day's work (*halatar*) at ploughing time, another (*danretar*) at reaping, and a third at *karotî*, or mowing time. Kângra S. R. (Lyall), p. 45.

Ju = jo (P. D., p. 516).

Jûa : a yoke consisting of a straight piece of wood which rests against the humps of the oxen, 4 small pegs keeping it from shifting laterally. Karnâl S. R. 1880, p. 162.

Jûa : to fix the yoke to the plough. Karnâl S. R., p. 116.

Jûa ki angûthi : a yoke-ring sent by the bridegroom's father to the bride's house shortly before the wedding. Karnâl S. R. 1872-80, p. 130.

Jubar : a plain. Simla Hills.

Jugti : carefully.

Jûh : waste land near the house and home fields where the cattle graze every day. Kângra Gloss.

Jul : scales of metal. Simla S. R., 1883, p. 46.

Jun : a measure = 16 *hât* = 24 *seris*. Simla S. R., 1883, p. 44.

Jun, jo : wife (Kullû) see *lâri*.

Jûn : a weight = 16 *paththas* or 24 *seris*. Cf. *kâin*. Jabhal, p. 28.

Junis : a married woman = *janâs*.

Juphlota : *Croton tiglium*. Kângra S. R., p. 22.

Jura : a bundle into which growing sugarcane is tied up when it shows any tendency to droop. Karnâl S. R. 1880, p. 181.

Jûti : a handful of seedlings. Karnâl S. R. 1880, p. 185.

Kabâr : a weed. Karnâl S. R., 1880, p. 168.

Kacha : the strip of land in the immediate vicinity of the river liable to annual inundation Cf. *mand*. Ludhiâna S. R., 1883, p. 3.

Kachâ pār : the hole in which the cylinder of the well is to be sunk, dug in the sand. Jullundur S. R., p. 100.

Kachhâli : a vessel flatter and smaller than the *daggâ* (*q. v.*), with a mouth for grain and flour broad enough to admit the hand. Cf. *jhâlrâ* and *jhâoli*. Karnâl S. R., 1880, p. 121.

Kachhâltû : see *handâ* : Sirmûr cis-Giri.

Kachhrâli : see *halh*.

Kâchwa kâ sâjji : a man in the *lâna* who has contributed a half plough. Karnâl S. R. p. 112.

Kaddû : the operation of watering the ground and ploughing up and harrowing it while under water, till the field is turned into mud. Jullundur S. R., p. 124.

Kadelni : a kind of coarse sieve, with a smaller mesh than the *kharelna*. Simla S. R., 1883, p. 46

Kadhiâli : a carpenter's workshop : a *lohâr's* (is called ?) *harniâlî*.

Kadrân : porridge made of *koda* or *mandwa* flour. Simla S. R., 1883, p. 40.

Kadro'i : *chapattis* made of *koda* or *mandwâ* flour. Simla S. R., 1883, p. 40.

Kadu : broadcast sowing : to steep the seed of rice in water for two or three days and then scatter it broadcast in the mud. Cf. *kadwân*. Hoshiârpur S. R., p. 88.

Kadwân : broadcast sowing : see *kadv*.

Kâg : a fish (*Belone canila*). Cf. *kawwu*. Karnâl S. R., p. 8.

Kâg : smut produced by east winds with cloudy damp weather. It attacks wheat especially ; and also *jawâr* and sometimes barley. But it is, as a rule, sporadic in the two latter. Cf. *kâgwa*. Karnâl S. R., 1880, p. 180.

Kâgan dora khelna : the game in which the bride and the bridegroom are seated, on opposite sides of a dish into which water and various articles are put, and the bride unfastens the strings on the wrist and ankle of the bridegroom, while he does the same for her, and the bridegroom's brother's wife takes them and throws them into the water. Then the bride and bridegroom dip their hands into the dish and take out what they can find, and the brother's wife takes the articles and throws them into the water again. Sirsâ S. R., 1883, p. 167.

Kâgwa : smut produced by east winds. See *kâg*.

Kâhi, (*adj.*) green, grass-green.

Kâhkar : land in which *kâhi* grass grows, as on a *bela*, beside a river.

Kahlu : a spirit which lives in the mountains and when angry causes landslips. It must be appeased with sacrifices. Chamba.

Kahu : half a *gaddi*, or sheaf of corn given to village servants at harvest usually. Kangra Gloss.

Kahû : a kind of sugarcane. Hoshiârpur S. R., p. 79.

Kaimb : a tree only useful for shade. Ludhiâna S. R., 1883, p. 8.

Kâin : a weight = 16 *paththas*, i. *q. jûn*.

- Kainchwa** : an earth-worm. Sirsa S. R., 1883, p. 20.
- Kaimal** : a timber tree. (P i. q., *kaimbal*, Odina wodier.) Kāngra S. R., p. 22.
- Kaindu** : a tree. *Diospyros montana*. Karnāl S. R., p. 9.
- Kair** : a tree. (*Capparis aphylla*). Karnāl S. R., p. 3.
- Kait, kāyat** : an accountant appointed by a *rājā*. Kāngra S. R., p. 80.
- Kāj** : a funeral feast. Sirsa S. R., 1883, p. 85.
- Kaju** : why? Kāngra Gloss.
- Kākā** : father's younger brother. Sirsa S. R., 1883, p. 121.
- Kākal** : paper. Kāngra Gloss.
- Kakkar** : *Rhus kukursinghi* : a timber tree, yielding a very handsome yellow-grained wood. Cf. *kakhrain*, and P. D., p. 535. Kāngra S. R., p. 22.
- Kakra** : a large long mango fruit. Hoshiārpur S. R., p. 16.
- Kakra** : *Podophyllum emodi*, a good wood for boxes. Simla S. R., 1883, p. 43.
- Kakrain** : a timber tree. See *kakkar*.
- Kakrola** : the *koklās* pheasant, also called *quāgtas* in Kullu, or *Ban kironk*, i. e., forest watchman. Kāngra Gloss.
- Kāla** : a mango fruit having a dark coloured skin. Hoshiārpur S. R., p. 15.
- Kālāish** : a snake (*Cullaphis Maclellandii*). Jullundur S. R., p. 12.
- Kalak** : a method of paying menials. Karnāl S. R., p. 116.
- Kalāo** : midday meal. Keonṭhal.
- Kalar** : soil with a large mixture of sand (not applied to brackish land, as in the Punjab plains). Kāngra Gloss.
- Kalār, lunch** : see under *datiātlā*.
- Kalari** : an earthen vessel, into which the juice of the cane flows as it exudes. Hoshiārpur S. R., p. 82.
- Kala bathu** : *Amaranthas*. Simla S. R., 1883, p. 40.
- Kālbans** : a fish (*Labeo calbasu*). Karnāl S. R., p. 8.
- Kālchingārī** : the ordinary red wheat, so called because its ear (*chingār*) gets a dark colour when ripe. Sirsa S. R. 1883, p. 284.
- Kalhā** : s. m. quarrel, dispute.
- Kālī ũnglī** : 'black finger,' the catcher in hide-and-seek. Sirsa S. R., 1883, p. 206.
- Kalona** : a second class rice. Hoshiārpur S. R., p. 88.
- Kaloti** : see *khelothī*.
- Kalsa** : a little earthen pot. Sirsa S. R., 1883, p. 163.
- Kamāna** : a screen. Sirsa S. R., 1883, p. 158.
- Kamashal** : a plant similar to the *bhakal*; the fruit yields an oil, edible and used for lamps. Simla S. R., 1883, p. 43.
- Kamdari** : a *paṭwār* cess. Kuthār.
- Kameli** : a blanket. Sirmūr trans-Girī.
- Kāmil, Kemble** (?) : a tree whose leaves afford fodder. Kāngra S. R. (Lyal), p. 33.
- Kamloā** : the big dove. Kāngra Gloss.
- Kamrakh** : *Averrhoa carambola*. Hoshiārpur S. R., p. 16.
- Kamri** : a short overcoat fastening with a flap at the side. Cf. *mirzāī*. Karnāl S. R., 1880, p. 123.
- Kan** : a measure, $4\frac{3}{4}$ yards in length, = 52 *chappas* or fists.
- Kan-bah** : a wielder of the *kan* (fr. *bahnā*), a measurer or surveyor. Kāngra S. R. (Barnes), p. 48.

Kan : the share of the produce taken by estimate of the yield. Karnâl S. R., p. 105.

Kanaila : an iron nail or ring. Simla Hills.

Kanâli : a large flat saucer for cooking in and eating from. Cf. *kânda*. Karnâl S. R., 1880, p. 121.

Kan-perî : see *hâdh* (*perî* appears to mean 'lump').

Kanâra : white, very soft and juicy sugarcane. Hoshiârpur S. R., p. 79.

Kanash : alder (*alnus*), only used for firewood. Simla S. R., 1883, p. 43.

Kanch kudhi : guessing the whereabouts of a hidden *kauri* with forfeits. Gurgaon S. R., 1883, p. 60.

Kanchli : bodice. Cf. *ângî*. Sirsa S. R., 1883, p. 155.

Kandai : a tree (*Argemone mexicana*). Cf. *khari* and *satiyandsi*. Karnâl S. R., p. 9.

Kandai : a tree (*Solanum xanthocarpum*). Cf. *chipat*. Karnâl S. R., p. 9.

Kandû : a swelling below the ears. Jullundur.

Kanger : a tree (*pistachia integerrima*). Rohtak.

Kāngna khelna : the bride unties the *kāngna* or a knotted sacred thread, which the Brahman tied round the boy's wrist before he started, and he undoes hers. Karnâl S. R., 1880, p. 183.

Kānga : a tree whose leaves afford fodder. Kāngra S. R. (Lyal), p. 38.

Kāngu : (*Flacourtia sapida*), a tree. Hoshiârpur S. R., p. 13.

Kanhirâ : s. m. oleander, (*herium odorum*).

Kanjul : s. m. fem. *kanjli*, a partridge.

Kānki : straw of wheat, stubble, see *jindh*. Kāngra Gloss.

Kanku : a white beardless wheat Cf. *mundri*. Hoshiârpur S. R., p. 74.

Kanouji : late sown barley. Ludhiāna S. R., 1883, p. 114.

Kanni : along with. Kāngra Gloss.

Kans : a kind of grass, used chopped up for fodder. Rohtak.

Kāns : *saccharum spontaneum*. Gurgaon S. R., 1883, p. 14.

Kansua : a caterpillar which attacks young cane. Ludhiāna S. R., 1883, p. 126.

Kanti : a locket. Karnâl S. R., 1880, p. 125.

Kantlâ : a broad necklace made of chains. Karnâl S. R., 1880, p. 125.

Kanuri : — an ornament worn on that part, add to P. D. p. 552.

Kaphar, kupphar : a small pool of water in a hollow. Kāngra Gloss.

Kapni : a sort of cover made of pottery. Karnâl S. R., 1880, p. 121.

Kappan : a sort of cover made of pottery. Karnâl S. R., 1880, p. 121.

Kappra-latta : clothes. P. D., p. 554.

Kar : a rent or tax ; a fee of 4 or 5 *thimis* per *topa*, which proprietors take from the tenants' share of the grain ; in many places also called *koroh*. Kāngra Gloss.

Kâr : walking round in exorcism. Shâhpur.

Kârâ : adj. = *khara* : P. D., p. 555.

Kara : the bank which surrounds a mass of cultivation. Cf. *Kot*. Karnâl S. R., 1880, p. 171.

Karach : a spoon. Simla Hills.

Karah : a portion of the booty set aside for the heirs of the slain. Hissâr S. R., p. 10.

Karâkâ : force. P. D., p. 556.

Karâl (*Bauhinia variegata*) : a tree. Cf. *Kachndr*. Hoshiârpur S. R., p. 14.

Karânu : an agricultural implement. Simla S. R., 1883, p. 45.

Karâri : Simla S. R., 1883, p. 45.

Karāsni or **kharāsni** : the recitation of *mantras* morning and evening by a *pujārī* before a *deotā*. Simla Hills.

Karat : the cultivator's share, as opposed to *sat*, the Rājā's share. Kāngra S. R. (Lyal). p. 31.

Karbi : *bājra* straw. Sirsa S. R., 1883, p. 158.

Karda : a fee payable to a landlord. Cf. *panchotra*.

Karda : a commission charged for a loan and added on to the amount actually advanced. Jullundur S. R., p. 72.

Karhan : a peasant. Bauria *argot*.

Karlathi : a variety of soil. Gujranwalla S. R., p. 25.

Karonk : a village watchman or messenger. Kāngra Gloss.

Karoti : the third day's service (*jowāri* q. v.), taken at morning time.

Kart : in Kullu : *kort*. The wild goat commonly called in books the *ther*. The female is called *meh* or *mehi*. Kāngra Gloss.

Karda : a vessel made of pottery, smaller than a *baroli* (q. v.) with spouts, used to carry milk to the fields. Karnāl S. R., 1880. p. 121.

Karūmbli : (s. f.) lobe of the ear.

Kas : a square stack of rice in bundles. Kāngra Gloss.

Kashara : a wooden cup. Sirmūr trans-Giri.

Kashi : a large hoe. Simla S. R., 1883, p. 45.

Kasi : a handful of corn or anything else. Kāngra Gloss.

Kaslānā : to store up grain in straw. Kāngra Gloss.

Kasoli : a tiny one-handed spade used as a hoe. Karnāl S. R., 1880, p. 163.

Kasora : a platter, made of pottery, used once at feasts and thrown away. Cf. *kasori*, *sarai*, and *sarānu*. Karnāl S. R., 1880, p. 121.

Kasori : a platter made of pottery, used once at feasts and thrown away. Cf. *kasora*, *sarai*, and *sarānu*. Karnāl S. R., 1880, p. 121.

Kasī : a spade. Karnāl S. R., 1880, p. 162.

Kasumbia : a small mango fruit having its outer colour like safflower (*kasumb*). Hoshiārpur S. R., p. 15.

Kasūn : who? Bauria *argot*. *Ex* : 'who is there?' *kasūn e*?

Katak : a raid made by a large expedition of two or three hundred men, some of them mounted on ponies. Sirsa S. R., 1883, p. 31.

Katāra : a tall thistle-like plant with a yellow flower. Cf. *kateli* and *satyanās*. Sirsa S. R., 1883, p. 16.

Kateli : a tall thistle-like plant with a yellow flower. Cf. *katāra* and *satyanās*. Sirsa S. R., 1883, p. 16.

Katera : a Jāt. Hārni *argot*. Ludhiāna S. R., 1873-83, p. 150.

Kathan = **Kāthan**. P. D., p. 568.

Katherti : a peach tree. Simla S. R., 1883, p. 42.

Kathewat : *Indigofera heterantha*; a small shrub; leaves used as fodder for sheep and goats. Simla S. R., 1883, p. 44.

Katkana : the revenue management. Ludhiāna S. R., 1883, p. 168.

Kathla : a necklace of gold. Cf. *tora*. Sirsa S. R., 1883, p. 157.

Kāthra : a wooden plate. Sirmūr cis-Giri.

Katni : a work-basket in which rolls of cotton to be spun are placed. Jullundur S. R., p. 69.

Kauni, kangni : *Pennisetum italicum*, an Autumn grain. Simla S. R., 1883, p. 40.

Kaur chhamb : like *chahn* (ill-drained low-lying land of poor quality, often waterlogged, but with an admixture of saltpetre). Hoshiarpur S. R., p. 70.

Kauri : a band of silver cowries, worn by women, going up the parting of the hair, and fastening to pins on the back. Karnâl S. R., 1880, p. 125.

Kauri : an earthen vessel for sugarcane juice, oftener called *handî* or *rasûn*. Kângra Gloss.

Kawâl, akhwâl : a paved road going straight up a hill. Kângra Gloss.

Kawnk : the ruddy sheldrake. Cf. *surkhâb*. Ludhiâna S. R., 1883, p. 14.

Kawwa : a fish. See *Kâg*. Karnâl S. R., p. 8.

Keh : a place covered thickly with pebbles or small boulders. Kângra Gloss.

Kela : a long mango fruit like a plantain (*kela*), with a small stone. Hoshiarpur S. R., p. 15.

Kelâr : a cedar forest. See under *bûndâr*.

Kemble (?) : See *kâmil*.

Kemlu : the sour lime. Simla S. R., 1883, p. 42.

Keor (*Holar antidysentericum*) : Kângra S. R., p. 22.

Kesari : a large mango fruit, in colour like saffron (*kesar*). Hoshiarpur S. R., p. 15.

Ketal : the bed of a river consisting of sand and stone, no grass. Kângra Gloss.

Ketlû (*Bungarus caeruleus*) : a snake. Cf. *kzrait*. Hoshiarpur S. R., p. 18.

Ken : a kind of bean grown in marshy lands, often mixed with barley. Hoshiarpur S. R., p. 78.

Kewali : counting grains in order to ascertain the deity to be appeased. Karnâl S. R., 1880, p. 146.

Khabli : a lawn, from *khabbal*, lawn grass. Kângra Gloss.

Khabre : adv. perhaps, who knows? Loc. of *khabar*.

Khadauru : ? *kadenru*, *Taxus baccata*, the yew. Simla S. R., 1883, p. 43.

Khadhâ } irreg. past part. of Khânâ.
Khâhda }

Khadû : a ram. *bher*, a ewe. Simla Hills.

Khaggar : a bull. Cf. *bijar*.

Khagnâ : to cough.

Khâhara : a shoe. Bauria *argot*.

Khai : a ravine. See *khâl*.

Khâi huâ : to eat. Bauria *argot*.

Khakhra : father-in-law. Cf. *susra*. Sirsa S. R., 1883, p. 124.

Khâkhû : mother-in-law. Cf. *sâsû*. Sirsa S. R., 1883, p. 124.

Khakkar : the barking deer. Kângra Gloss.

Khâl : a hollow or cutting made by water, big or little; *khola* or *khâi* are words of similar origin applied to ravines, &c. Kângra Gloss.

Khâla : an old river channel. Karnâl S. R., p. 4.

Khalja : gum, of the *chir* pine, *kail* or *kelon* trees. Simla Hills.

Khâltu : a leather bag, made of goat's skin, to hold 8 to 10 *seers*. Simla S. R., 1883, p. 46.

Khambar (*s m.*) : the flat disks which, connected by string (*baiṛ*), form a spinning wheel.

Khambi : a diver. Cf. *kîlia*. Karnâl S. R., 1880, p. 169.

Khamra : a wide-mouthed vessel. Sirmûr trans-Giri.

Khân, (s. f.) : a mine, quarry.

Khandhā : a flock of sheep or goats. *Kāṅgra Gloss.*

Khande dī pōhal : an initiatory ceremony, in which a two-edged dagger (*khandā*) is used ; performed by Sikhs. *Jullundur S. R.*, p. 51.

Khanēvar : a decorative wooden frame attached to the ridge of a pent. *Sirmūr.*

Khāni : *adv.*, over and above.

Khanor, *Pavia indica* : horse chestnut. *Simla S. R.*, 1883, p. 42.

Khantu : a small *khānda*, or box, to hold 2 to 4 *mans*. *Simla S. R.*, 1883, p. 46.

Khāp : a faction. *Karnāl S. R.*, p. 79.

Khar : leaves of the *saccharum sara*. *Hoshiārpur S. R.*, p. 16.

Khār : manure. Cf. *khāt kūra*. *Karnāl S. R.*, 1880, p. 164.

Khar = 20 *jān*. *Simla S. R.*, 1883, p. 44.

Khara : any government official. *Hārni argot*. *Ludhiāna S. R.*, 1883, p. 15.

Kharāngni : court-yard. *Sirmūr.*

Kharāshū = 2 *khār*. *Simla S. R.*, 1883, p. 44.

Kharshu, **Kharu** : *Quercus semecarpifolia*. *Simla S. R.*, 1883, p. 43.

Kharelna : a coarse sieve, see *kadelni*. *Simla S. R.*, 1883, p. 46.

Kharen or *khin* : dues—when a *deotā* is invited by anyone, the host gives a feast to the people who come with the *deotā*. This word is used in Sarāj : in Shadhoch the word used is *phanel*. *Simla Hills.*

Kharet : hail (Gādi). Cf. *an* and *akhānet*.

Kharetar : a grass or hay preserve. *Kāṅgra S. R.* (Lyal), pp. 8 and 36.

(To be continued.)

MISCELLANEA.

SIR WILLIAM H. SLEEMAN.

THE Catalogue of the Indian Court at the Festival of Empire gives the good news that Captain J. L. Sleeman, Royal Sussex Regiment, Belfast, is writing a full memoir of his illustrious ancestor, famous for his suppression of thuggee (*thagī*) and his well-known books. Captain

Sleeman will be grateful to any one who will assist him by the loan of letters or papers.

Several valuable manuscripts written by Sir William Sleeman, and sundry interesting relics connected with him were exhibited in cases 86 to 92. They included two charts showing the relationship of the Thag families.

V. A. S.

BOOK-NOTICE.

THE BRAHMANAIC SYSTEMS OF RELIGION AND PHILOSOPHY. By M. T. NARASIMHIENGAR, B.A., M.R.A.S., CENTRAL COLLEGE, BANGALORE. Reprinted from the Quarterly Journal of the Mythic Society, Bangalore, for April, 1911. Printed at the S. P. C. K. Press, Church Road, Madras, N.C. 1911.

MR. NARASIMHIENGAR's well-written pamphlet is intended as a contribution to the study of the Vedānta from the point of view of a Hindu who prefers the school known by the name of Viśiṣṭādvaita or 'qualified monism' as followed by the Śrī-Vaiṣṇava Brāhmaṇs. According to him most European scholars erroneously identify the Vedānta teaching with the school known by the name of *Advaita*, or 'monism', as taught by Śaṅkarāchārya, and

generally accepted by the Smārta community among the Brāhmaṇs, which recognizes only one entity called *Brahman* or *Ātman*, and holds the world to be unreal. The third Vedāntist school, that called *Dvaita*, or 'Dualism', which is followed by the Mādhva Brāhmaṇs, teaches that the three entities—matter, soul, and God—are by nature distinct from one another, so that no two of them can ever be identified.

The author gives numerous classified quotations to prove that the theories of all the three schools can be supported by texts from the *Upanishads*, and evidently is of opinion that the apparent discrepancies can be reconciled only by adopting the views of the Viśiṣṭādvaita school, which

maintains the existence of natural differences between the three entities—matter, soul, and God—while regarding the Supreme Being (*Paramātmān*) as inseparably united with matter and souls, the universe of matter and souls 'forming the body of the Supreme Being. "The attributes of God", he observes, "are as real as God Himself; that is, the universe is not *unreal*." Mr. Narasimhiengar, although holding that 'every object in the universe is pervaded by the All-pervading God (Vishnu)', considers the term 'Indian Pantheism', commonly applied to Vedāntist philosophy, to be misleading. It seems to me that a teacher who maintains that "every object in the universe is pervaded by the All-pervading God" may be described as 'a pantheist' with perfect correctness. If that doctrine is not 'pantheism,' I have no notion what that term means.

Mr. Narasimhiengar begins his discourse by remarking that "to treat of *Religion* separately from *Philosophy* is, from the Hindu point of view, an impossible task." Maintaining this attitude throughout he tacitly assumes the divine authority of the *Upanishads* and other Hindu scriptures, and must be regarded as addressing Hindus rather than the world of scholars in general, and as appealing to authority rather than to pure reason.

He sums up as follows the points of agreement between the three schools of Hindu Vedāntists:—

(1) All the three systems are based upon the authority of the *Śrūtis* (the *Upanishads*), the *Smṛitis*, the *Itihāsas*, and the *Purāṇas*.

(2) All believe that the beginningless *karma* is the cause of worldly bondage, and that the soul will undergo birth after birth until the whole of *karma* is exhausted.

(3) All recognize that the study of the Vedānta is essential for the attainment of *Jñāna* (wisdom) which serves as a passport to the Heavenly Abode.

(4) *Bhakti* or Love of God is the most perfect means of salvation according to all the three systems.

(5) Image-worship is an essential feature of all the Brahmanaic systems; and Nārāyaṇa (Vishnu), in various forms, is generally worshipped, as the Supreme Being by all the three sects.

(6) The Spiritual Preceptor is the mediator between the individual soul and God; and is revered as equal to God in several respects.

(7) Divine Grace alone can ultimately secure salvation, as human efforts by themselves will be fruitless.

(8) All recognize that salvation consists in the attainment of Brahman, which is 'Eternal Bliss.'

It being inconceivable that any European could accept the whole of those eight propositions, which would require him to admit the authority of the Hindu scriptures, to receive the *karma* doctrine as axiomatic, to worship Hindu images, and to attach himself to a *guru*, it appears to be impossible for any European to declare himself an adherent of the Vedāntist philosophy, which is so inextricably mixed up with the practice of Hindu religion. If that view be correct, it is easy to understand why Hindu philosophy on its own account is unable to attract the serious notice of the teachers of philosophy at English universities. An Englishman may be a follower of Aristotle, Plato, Kant, or Hegel, but he cannot be expected to become a Hindu in order to enrol himself in the ranks of the Vedāntists.

Mr. Narasimhiengar approaches the *Upanishads* as the older Christian commentators approached the Bible, with a firm conviction that all passages in the sacred writings, however contradictory in appearance, are reconcilable and must be reconciled. He states his attitude frankly in the words:—'Every Vedantic scholar should admit that the *Upanishads* are, as a whole, a consistent embodiment of philosophical thought; and any interpretation given of them, can be considered *sound*, only if such interpretation is capable of elucidating *all* the passages in the *Upanishads*, as giving a consistent idea throughout.' The application of such a principle to a literature, the work of many authors, and probably extending over several centuries, cannot but produce forced interpretations, such as we are familiar with in the pages of Biblical commentators.

Some Indian Vedāntists, I believe, cherish the hope that the teachings of the Vedānta will give birth to a universal religion fitted to supersede all the existing religions of the world. But it is plain that such dreams cannot be realized if the philosophy is presented, after Mr. Narasimhiengar's method, as inseparably bound up with purely Hindu beliefs and practices and as resting on the postulate that the *Upanishads*, whatever be the date or authorship of each, form one consistent whole.

V. A. S.

INDIAN PAINTING AT THE FESTIVAL OF EMPIRE, 1911.

BY VINCENT A. SMITH.

The contents of the Indian Court at the Festival of Empire in the grounds of the Crystal Palace, assembled by Colonel Hendley, C.I.E., with infinite trouble in the face of great difficulties, comprised many beautiful and interesting objects, fully described in the *Guide and Catalogue*.¹ The most important, although not, perhaps, the most popular exhibits were those contributed by Dr. M. A. Stein, C.I.E., and Mrs. Herringham, illustrating the early history of Indian painting. Readers of the *Indian Antiquary*, who have not enjoyed opportunities of visiting the Festival of Empire or perusing the *Guide and Catalogue* may be glad to have some account of those two remarkable exhibits. We begin with Mrs. Herringham's contribution of 26 new copies of the Ajanṭā fresco paintings.

Ajanṭā Pictures.

"These copies from the Ajanṭā frescoes," Mrs. Herringham writes, "were made by myself and one English [Miss D. Larcher] and several Indian painters during the winter seasons of 1909-10 and 1910-11² Previous copies have shown all the blemishes and holes in the plaster. We have thought it advisable, for the sake of the beauty of the composition and of intelligibility, to fill up the smaller holes. But though some people may call this a restoration, altering our work from literal copies to studies, I think we may claim that this omission of damage has been done very cautiously, and the unfinished look of the copies is the consequence of our restoring so little. A copy of a damaged picture must necessarily look like the copying of a badly painted or unfinished one. In reality, the technique of the original work is so sure and swift and perfect, that we, none of us, were good enough executants to repeat it"

Probably every part of every chamber was originally painted or intended to be painted. The principal remains now are in Viharas I, II, XVI, and XVII, and Chaityas IX, X, XIX The aisles formed by the columns are to some extent thrown into sections by occasional piers, but except this there are no divisions between the paintings, nor are they surrounded by ornamental borders.

The paintings represent the tale or incidents in a sort of continuous manner. The same personages appear twice or more times, only grouped variously, according to the subject. There are what one might call nucleus points—points of interest in the narration, and there is a certain amount of connecting links. The transition from episode to episode is managed by such a device, among many, as a man looking through or guarding a doorway, sometimes by the continuousness of the pictorial architectural background. The impression is not so much that the walls were surfaces to be decorated, but that they offered precious space on which the legends might be depicted for the edification of the devout."

¹ 'Festival of Empire; Imperial Exhibition, Indian Section; Guide and Catalogue'; on sale at the Festival, price one shilling. Copies probably could be procured still either from the printers, Bemrose & Sons, Ltd., of Derby and London, or from Colonel Hendley, C.I.E., of 4, Loudoun Road, St. John's Wood, London, N. W. The special articles on Indian painting by Mrs. Herringham, Dr. Stein, and other contributors give the little book permanent value.

² The Indians were Nandalal Bose, Samarendra Nath Gupta, Asit Kumar Haldar, and Syed Ahmed, the last named being helped by his students.

The pictures illustrate events in the life of Prince Gautama Buddha and the more popular of the Jātaka stories, namely, the stories of the Buddha's previous incarnations, perhaps also some scenes of semi-mythological history. Incidentally they illustrate the court life and popular life of the time as told in the romances and plays.

The pictures certainly spread over 200 years from 450 to 650." Some of the earliest, in caves IX and X, now, I believe, vanished, may have been executed before the Christian era. The figures of Buddhas on the pillars of Cave X, which still exist, exhibit various forms of the nimbus and a style of drapery which suggest recollections of the Gandhāra school of sculpture. Those figures may date from the fourth, or possibly the fifth century. But most of the paintings may be confidently assigned to the sixth century or the first half of the seventh. All the works copied under Mrs. Herringham's direction from Caves I, II, and XVII may be dated, I think, between A. D. 500 and 650.

In the *Burlington Magazine* for June, 1910, Mrs. Herringham published novel and valuable criticisms on the technique and æsthetic merits of the Ajanta frescoes, of which the principal passages are quoted in my *History of Fine Arts in India and Ceylon*. In the *Guide and Catalogue of the Indian Court* she has added further observations of much interest, some of which may now be cited. It is greatly to be desired that Mrs. Herringham should record her description and estimates of the frescoes in a convenient, systematic, and permanent form. The publications on the subject are all painfully fragmentary and incomplete.

The older accounts by Griffiths and other writers make little attempt to distinguish different styles in the frescoes. According to Mrs. Herringham's expert judgment, "there are at least twenty different kinds of painting. Some pictures recall Greek and Roman composition and proportions, a few late ones resemble the Chinese manner to a certain extent, but the majority belong to a phase of art which one can call nothing except Indian, for it is found nowhere else. In one respect the composition is unlike most Chinese painting, for there is not much landscape. The figures occupy the field, often grouped in a manner which recalls the alto-rilievo of sculpture"

Nearly all the painting has for its foundation definite outlines, generally first on the plaster a vivid red, corrected and emphasized as the painting proceeded with black or brown. The outline is in its final state firm but modulated and realistic, and not often like the calligraphic sweeping curves of the Chinese and Japanese. The drawing is, on the whole, like mediæval Italian drawing

The quality of the painting varies from sublime to grotesque, from tender and graceful to other quite rough and coarse. But most of it has a kind of emphatic, passionate force, a marked technical skill very difficult to suggest in copies done in a slighter medium.

To me the art is of a primitive, not decadent nature, struggling hard for fresh expression. The artists had a complete command of posture. Their seated and floating poses, especially, are of great interest. Their knowledge of the types and positions, gesture and beauties of hands is simply amazing. Very many racial types are rendered; the features are often elaborately studied and of very high breeding, and one might call it stylistic breeding. The drawing of foliage and flowers is very beautiful. In some pictures very considerable impetus of movement of different kinds is well suggested. Some of the schemes of colour are very remarkable and interesting and there is great variety. There is no other fine portrayal of a dark-coloured race by themselves."

Mrs. Herringham's informal observations, while sufficient to call attention to many matters deserving of close study, are obviously far from constituting a complete critique, even if read with her earlier and almost equally informal contribution to the *Burlington Magazine*. Considering that the Ajanta frescoes are the most important series of ancient paintings extant, with the exception of those at Pompeii, it is lamentable that no good account of them exists. Dr. Burgess did what he could to describe them in his *Notes* published in 1879, and that work is still the most systematic description of the paintings. But it is very meagre and illustrated only by outline sketches. Mr. Griffiths' fine volumes of reproductions published by the India Office, although containing much valuable description and criticism, are very far from furnishing a complete treatise on the subject.

A large part of the pictures described by Burgess and Griffiths has disappeared since they wrote, and each year the task of composing an adequate account of the frescoes becomes more difficult. Mrs. Herringham's notes add much to our knowledge of the subject, while leaving ample room for more exhaustive treatment, and all students of Indian art should be grateful to her for her disinterested labours. She has generously presented her copies to the 'India Society,' a small association recently formed for the purpose of studying and encouraging Indian art. The Society has at present no rooms of its own, and will, I presume, deposit Mrs. Herringham's valuable gift in some public institution. Her copies, being to some small extent restorations, are far more pleasing and easily intelligible than the more rigidly accurate facsimiles of earlier copyists.

We are, I fear, still unlikely to see for a long time yet a worthy Indian Museum established and properly administered in London. So far as I know, nothing has been done to carry out the project of such a museum, which has been freely talked about. If such an institution ever comes into being, Mrs. Herringham's gift to the Indian Society should form one of the choicest treasures of the collection.

A large series of one hundred photographs taken during last winter [apparently 1910-11] by M. Victor Golobew of Paris was exhibited as Nos. 307-310 in the Indian Court. These excellent photographs of the Ajanta frescoes should be studied in connexion with Mrs. Herringham's copies, and it is desirable that sets of them should be acquired by the Indian Museum, Calcutta, and the Indian Section of the Victoria and Albert Museum.

*Specimens from Dr. Stein's Collection of Ancient Buddhist Pictures and Embroideries
discovered at a site near Tun-huang, on the western confines
of the Chinese Province of Kan-su.*

Four large cases in the Indian Court were filled with select specimens from the large collection made at Tun-huang which is the joint property of the Government of India and the Trustees of the British Museum. The art objects and an extensive library comprising many thousands of manuscripts in Chinese, Tibetan, Sanskrit, old Turkish, and other languages came to light by the accidental discovery of a small walled-up chapel in one of the many cave-temples known collectively as 'the Halls of the Thousand Buddhas.' Conclusive evidence proves that the chapel was walled up very early in the eleventh century. Nothing, consequently, can be later than A. D. 1020. As a matter of fact, most of the contents of the chamber are much older, dating from the time of the T'ang Dynasty, that is to say,

from the seventh to the ninth century of the Christian era. One of the paintings on silk (No. 32) bears a Chinese inscription dated A. D. 892. Some of the Chinese manuscripts are still more ancient.

It is obvious that even a preliminary examination of such a vast mass of confused and partially damaged material must take a long time, while the thorough study of the manuscripts will provide work for generations of scholars. The paintings on silk alone number about three hundred, and the greatest care and skill are required for opening them out and preparing them for critical examination. Description and criticism of the paintings must be tentative and incomplete until the whole collection has been examined in the light of the accompanying documents. The 68 items shown at the Festival of Empire have been described summarily by Dr. Stein in the *Guide and Catalogue*. We propose to bring his principal observations to the notice of our readers.

Nearly all the paintings are executed on a fine gauze-like transparent silk, but a few are on paper.

Most of them fall readily into two classes, namely, (1) oblong banners provided with triangular head-piece and streamers on each side, with wood or bamboo strainers attached ; and (2) larger paintings intended to be hung on temple walls or gateways.

The subjects of the wall-pictures are the familiar scenes of Buddhist legend—the dream of Mâyâ, the departure from Kapilavastu, incidents in heaven, and so forth. The banners, painted on both sides, are chiefly occupied by effigies of Bodhisattvas, Lôkapâlas, and Dharmapâlas, generally Chinese in style, but based on Indian tradition. A few are distinctly Indian in style.

The paintings comprise specimens of considerable beauty and aesthetic merit, and like the objects brought home by Dr. Stein from his first expedition, show the influence of Chinese, Persian, Indian, Tibetan, and Greek art. They enable us to form some notion of what the lost mediæval paintings of India must have been like, and so help to fill up the wide gap between the latest paintings at Ajañña dating from the seventh century and the Indo-Persian painting introduced by Akbar about A. D. 1570.

The cases at the Festival of Empire included remarkable examples of ancient embroidery belonging to the same period as the pictures on silk and paper. Dr. Stein points out that “the multi-coloured patterns woven into them present the most striking resemblance to patterned silk fabrics found in Egyptian tombs of the early Christian and Byzantine period, and showing a type of decoration usually known as ‘Sassanian,’ and supposed to originate in Mesopotamia or Western Persia.” In support of this general statement the description of No. 54 may be quoted :—

“54—Manuscript wrapper—roughly made of silk fragments stiffened with paper, lined with silk, and with coarse woollen tapes for tying. Outer edges and triangular flap made of fragments of rich silk brocade of Sassanian design. On pink ground large elliptical cartouches, bordered with double rows of overlapping petals, contain two winged bulls with abundant manes, facing each other on salmon-coloured field. Elliptical lotuses fill spaces between large cartouches. Two roughly cut strips of extremely fine silk tapestry are attached to centre panel. Style of weaving is identical with that of the Copts of the third century A. D., and of the ancient Peruvians, and closely resembles that of the Gobelin factory.”

THE DATES FOR THE EARLY PRINCES OF THE PRESENT JODHPUR FAMILY.

BY D. R. BHANDARKAR, M.A., POONA.

IN pp. 181-183, *ante*, I have given an account of the memorial stone of Sihâ Râthod found at Bîthû. The transcript of the inscription engraved on it, which was therein given, was based on an impression supplied to me, which was not quite satisfactory. The stone has now been removed to the Tawarikh Mahkma, Jodhpur, where it is open to inspection. And an excellent inked impression of it has now been kindly sent to me by Pandit Ramkaran. The transcript which I now give here may therefore be considered final.

1. ओं ॥ सांवद्ध १३३०
2. कार्तिक वदि १२ सोम-
3. वरि रडडा श्रीसेत-
4. कवर सुनु सीहो दे-
5. वलोके गतः तो [लं]-
6. क पारबति¹: तस्यार्ये दे-
7. वली स्थापिना(ता) करापिवसुभं² भवतु¹

It will be seen that the historical conclusions which I have already drawn are in no way affected. Only the reading of the last two lines, which are of no importance, is definitely settled.

No reliable dates have so far been known of the early princes of the Jodhpur dynasty. Consequently, it is impossible to over-rate the importance of the date V.S. 1330 for Sihâ, especially as he was the founder of that dynasty. A second date has now been brought to light by the same disinterested antiquarian, Nannurâm Brahmbhat, but it is for Dhûhaḍa, grandson of Sihâ. The date is Samvat 1366, and Dhûhaḍa is called a son of Ásvatthâma, according to the impression supplied to me. Whatever the form of the last name here intended may be, there can be no doubt that it is the same as Asothama of Tod's *Annals of Mârwar* (*Annals and Antiquities of Rajasthan*, Vol. II, p. 14). The inscription is on a memorial stone found at Tirsingharin the Pachbhadrâ district.

BUDDHIST PARALLELS TO PARSİ HUMATA-HUKHTA-HUVARSHTA.

BY G. K. NARIMAN, RANGOON.

"His thought is quiet, quiet are his word and deed, when he has obtained freedom by true knowledge, when he has thus become a quiet man."

Commenting on this verse of the Pâli *Dhammapada*, Max Müller proceeds to show that 'this very natural threefold division, thought, word and deed, the *trividha-dvâra*, or the three doors of the Buddhists, was not peculiar to the Buddhists or unknown to the Brâhmanas," and somewhat lukewarmly adds that "similar expressions have been shown to exist in the *Zend-Avesta*." (S. B. E., X, 28.)—(The reference to Hardy's *Manual* will be found at page 513 of the second edition. Max Müller's p. 494 refers probably to the first ed.)

That good thought, word and deed are of the essence of Zarathushtrianism is a commonplace of comparative religion, and the Parsis rightly glory in this tenet of paramount ethical importance. What I would call attention to is that it is possible to exaggerate the value of this doctrine as an ethical asset peculiar to the Parsis and confined more or less to the doctrines of the *Avesta* alone.

¹ Here the *visarga* is evidently intended for a *virâma* ॥

² This stands for करापकसुभं

On the contrary, it is inculcated with almost equal insistence in the younger Vedic literature and the Brāhmaṇa scriptures and the Buddhist writings. (A. Weber: *Indische Streifen* I, 209. Brunnhofer: *Urgeschichte der Arier* I, 192 seq. Tiele: *Geschichte der Religion im Alterthum* II, 330).

It seems to me that the frequency with which this triad is alluded to, and the wealth of variety of manner in which it is emphasised in the Buddhist sacred books, deserves to be better studied by those who are misleading the Parsis that their Avestaic *humata-hukhta-huvarshita* is a spiritual monopoly all their own.¹

I will only premise that the citations here produced are but a fraction of what can be produced and that they were ticked off in a fresh hurried re-reading of a few Pali and Sanskrit Buddhist works. I have quoted the setting and the context at certain length so as not to deprive the originals by truncation of their rugged unconventional attractions. It would be easy to compose quite a charming little anthology of Buddhism merely by stringing together those passages which are instinct with the spirit of thought, speech and act that are good.²

Him I call indeed a Brahman who does not offend by body, word or thought, and is controlled on all these three points.—*Dhammapada*: 391.

Even if he commit a sinful deed by his body or in word or in thought he is incapable of concealing it; for to conceal is said to be impossible for one that has seen the state of Nirvāṇa. This excellent jewel is found in the Assembly, by this truth may there be salvation.—*Suttanipāṭa*, *Chullavagga*: 11.

He who is not opposed to any one in word, thought or deed, who after having understood the Dharma perfectly longs for the state of Nirvāṇa,—such a one will wander rightly in the world.—*Suttanipāṭa*, *Sammaparibbajanīyasutta*: 7.

And in which way is it, Siha, that one speaking truly could say of me: "The Samaṇa Gotama denies action; he teaches the doctrine of non-action; and in this doctrine he trains his disciples?" I teach, Siha, the not-doing of such actions as are unrighteous either by deed or by word or by thought; I teach the not-bringing about of the manifold conditions of heart which are evil and not good. In this way, Siha, one speaking truly could say of me "The Samaṇa Gotama denies action. . . .'" I teach, Siha, the doing of such actions as are righteous by word or by thought.—*Vinaya-Piṭaka Mahāvagga*: VI, 31, 6.

I deem, Siha, unrighteous actions contemptible whether they be performed by deed or by word or by thought; I proclaim the doctrine of the contemptibleness of falling into the manifold conditions of the heart which are evil and not good.—*Mahāvagga*: VI, 31, 7.

I teach, Siha, that all the conditions of heart which are evil and not good, unrighteous actions by deed, by word and by thought must be burnt away.—*Mahāvagga*: VI, 31, 8.

And what is it that gives rise to legal questions of offence? There are six origins of offence that give rise to legal questions of offence. There is an offence that originates in deed, but not in word, nor in thought (and so on till all the possible combinations are exhausted with mathematical precision after the approved Buddhist method).—*Chullavagga*: IV, 14, 6.

¹ Vide Koppen: *Religion des Buddha*: 1,445.

² I have limited my references to a few Buddhist works with which I am more or less familiar; but that the Jaina Scriptures also inculcate the same principle is equally remarkable. See Jacobi's *Jaina Sūtras*: I, XXVI and p. 260: "Henceforth the Venerable Ascetic Mahāvīra was houseless, circumspect in his walking, circumspect in his speaking, circumspect in his begging, circumspect in his accepting anything, in the carrying of his outfit and drinking vessel; circumspect in his thoughts, circumspect in his words, circumspect in his acts: guarding his thoughts, guarding his words, guarding his acts. . . ."

For the doctrine of the three *Guptis*, as they are called by the Jainas, see *S. B. E.*, XLV, 50, 130, 160, 93 and 107.

A Bhikshu who warns another should, Upâli, when he is about to do so consider thus: "Am I pure in the conduct of my body, pure therein without a flaw, without a fleck? Is this quality found in me or is it not?" If, Upâli, the Bhikshu is not so, there will be some who will say to him: "Come, now, let your reverence continue still to train yourself in matters relating to the body"—thus will they say. (The same exhortation is repeated separately with reference to speech and mind.)—*Chullavagga*: IX, 5, 1.

And was not Śāriputra the Elder, O king, the best man in the whole ten thousand world systems, the Teacher of the world, himself alone excepted? And he who through endless ages had heaped up merit and had been re-born in a Brāhmaṇ family, relinquished all the delights of the pleasures of senses, and gave up boundless wealth, to enter the Order according to the teaching of the Conqueror, and having restrained his actions, words and thoughts, by these thirteen vows, became in this life of such exalted virtue that he was the one who, after the Master, set rolling on the royal chariot-wheel of the Kingdom of Righteousness in the religion of Gotama, the Blessed One.—*Milinda-Panḥa*: end of Ch. IX.

Through the merits of good theories virtuous men who understand noble knowledge go to heavenly worlds from their self-restraint as regards body, speech and thought.—*Buddhacharita*: XVI, 25.

But all they who do good with their body, who do good with their voice, who do good with their mind, they love themselves. And although they should say thus: "We do not love ourselves," nevertheless they do love themselves. And why do I say so? Because, whatever a man would do to one whom he loved, that they do to themselves. Therefore they love themselves.—*Saṃyutta-Nikāya*: iii, 1, 4.

Suppose, O Monks, one does evil with his body, does evil with his voice, does evil with his mind—*Anguttara-Nikāya*: III, 35.

Permit me, Lord, give me absolution from all my faults committed in deed or word or thought.—*Portion of Buddhist Confession*.

So it appears, O Monks, that ye are distressed at, ashamed of, and loathe the idea of life in heavenly beauty, heavenly happiness, heavenly glory; that ye are distressed at, ashamed of, and loathe the idea of heavenly power. But much more, O Monks, should ye be distressed at, ashamed of, and loathe doing evil with the body . . . with the voice . . . with the mind.—*Anguttara-Nikāya*: III, 18

As everything he did in thought, speech and action was purified by his love, most of the animals given to wickedness were like his pupils and friends.—*Jātakamālā*: VI, 3.

But the lack of mercy is to men the cause of the greatest disturbance, as it corrupts the action of their minds, and words and bodies no less with respect to their families than to strangers.—*Jātakamālā*: XXVI, 40.

All that we are is the result of what we have thought. It is founded on our thoughts; it is made up of our thoughts. If a man speaks or acts with a pure thought, happiness follows him, like a shadow that never leaves him.—*Dhammapada*: 2.

From thought, I say, proceeds deed; after having thought, a man puts into effect a noble speech or act.—*Anguttara-Nikāya*: Vol. III, 415.

In deed was I well-behaved, so in words, so in thoughts; all thirst is finally quenched: extinguished I am; all put out.—Uttara's song: *Therīgāthā*.

Those who weary of the three perfections (*pradhāna*) and their accompaniment, become hermits and (take up) cool dwelling places, their bodies, speech and minds all well controlled, knowing the proper way to comport themselves;—they are truly Bhikshus.—*Buddhist sūtras from the Tibetan*, Ante, Vol. XII, p. 308.

Steadily observing the tenfold way of virtuous action in body, speech and thought, and turning away from spirituous liquors, you will feel a sincere joy in this virtuous life.—*Suññilekha*, the epistle of Nāgārjuna to King Udayana (*Journal of the Pali Text Society*, 1886).

Since then you must die in this manner (in uncertainty as to your fate) take the lamp of the three merits to give you light, for alone you must enter their endless darkness which is untouched by sun or moon.

Commentary : The three kinds of merits are those of body, speech and thought.—*Suññilekha* : p. 21.

A monk kills a wild goose and is reprimanded with a sermon ending in “A Brother ought to hold himself in control in deed, word and thought.”—*Jātaka* : No. 276.

Le Buddha a enonce comment du corps, de la bouche, et des pensees decoulent les trois sortes de Karmans.—Huber's French translation of the Chinese version of Kumārajīva's *Sūtrālamkāra* from the original Sanskrit of *Śivaghoṣa*.

Tīn-imāni bhikkhave moneyyāni. Katamāni tēni?

Kāya-moneyyam vacchi-moneyyam mano-moneyyam.—

Itivuttaka 64, quoted by Minayeff in his *Recherches sur le Bouddhisme h. g.*; see also his next note from the *Abhidharma-kośavyākhyā*.

त्रिविधं कायिकं कर्म वचसा च चतुर्विधम् ।

मनसा त्रिप्रकारेण तत्सर्वं देशयाम्यहम् ॥

कायकृतं वाचाकृतं मनसा च विचिन्तितम् ॥

कृतं दशविधं कर्म तत्सर्वं देशयाम्यहम् ॥

Sikshāsamuchchaya, p. 163.

It is not possible, O Monks, it is without a foundation that one with good thoughts, words and deeds should have a fortune undesirable, joyless and cheerless.—*Anguttara-Nikāya* : *Ekka Nipāta* : 20.

Les trois occupations sont celles du corps (kaya-karma), de la bouche (vacchi-karma), et de la pensée (citta-karma).—*Chavannes* : *Voyages des pèlerins Bouddhistes* : p. 171.

Samañña-phala Sutta, etc., translated by Rhys Davids in his “Dialogues of the Buddha,” pp. 57-8, 72, 103, 202, 221, 269, 279.

Seydel notes this “astonishing similarity” and refers to *Lalita-Vistāra*, Chap. 5, and to the Chinese Sutra of the 42 Articles.—

Seydel : *Evangelium von Jesu in seinem verhält nissen zu Buddhasage und Buddha-Lehre* : pp. 202, 213.

And I know that those beings possess of good conduct in body, speech and mind, not upbraiding the elect ones, but right believers, incurring the karma of right belief, rise again, upon the dissolution of the body after death—some in the world of weal and paradise, and some among the human; while those beings possess of bad conduct in body, speech and mind, upbraidings of the elect ones, false believers, incurring the karma of false belief, do rise again, upon the dissolution of the body after death, either in the realm of ghosts or in the wombs of brutes, or in the damnation, woe and perdition of hell.

“O soul, through thoughtlessness thou didst not right in body, speech and mind. Verily, O soul, they shall do to thee according to thy thoughtlessness. Moreover, this wickedness was not done by mother or father, brother or sister, friends or companions, relatives or kinsfolk; neither by philosophers, Brahmins or spirits: by thee the wickedness was done, and thou alone shalt feel its consequences.”—*Majjhima-Nikāya* : 130.

CONTRIBUTIONS TO PANJABI LEXICOGRAPHY.

SERIES III.

BY H. A. ROSE.

(Continued, from p. 295.)

Khari : a tree. Cf. *kandai*.**Kharkāna** : *accharum sara*. Hoshiārpur S. R., p. 16.**Kharkār** : s. m., noise, disturbance.**Kharkhair** : the demoiselle crane (*Anthropoides virgo*). Ludhiāna S. R., 1883, p. 13.**Kharodi** : a bee held for cutting grass. See under *jowādrā*.**Kharot** : a lock. Ludhiāna S. R., 1883, p. 150.**Kharsa** : the hot season, including Phāgan, Chet, Baisākh and Jeth. Karnāl S. R., 1880, p. 166.**Kharsana** : (*crotalaria burbia*).**Kharsu** : a second class rice. Hoshiārpur S. R., p. 88.**Khartuā** : a weed (*Chenopodium murale*).**Khātā** : a well. Ambāla.**Khata** : a mango fruit having bad colour and acid (*khata*) taste. Hoshiārpur S. R., p. 15.**Khata ānā** : to swell (*of millet*). Karnāl S. R., 1880, p. 122.**Khatalat** : a small thorny tree. Simla S. R., 1883, p. 43.**Khatam** ; a rite.**Khati** : an underground grain-pit. Ambāla.**Khāti** : a ditch. Sirsa S. R., 1879-83, p. 406.**Khatna** : circumcision. Ludhiāna S. R., 1878-83, p. 71.**Khatola** : a small stool made of a wooden frame covered with netted string. Karnāl S. R., 1880, p. 121.**Kheir** (? ai) : a tree, whose leaves afford fodder. Kāngra S. R. (Lyll), p. 38.**Khaul** : a festival held in the *puranmāsī* or full-moon day of Māgh in Pāngī.**Khawar** : = khabar.**Khelothi, kaloti** : the grain which *hamīns*, artizans, &c., get from the threshing-floor. Kāngra Gloss.**Khep** : a crate.**Khera** : literally a village, the god of the homestead or village. Cf. *bhāmīa*. Karnāl S. R., 1880, p. 148.**Kheshri** : cloth pieced, used as a *langot*. Sirmūr cis-Girī.**Khetri** : an allotment of land to a *mahr*. Bilāspur.**Khetar** : a big field. Cf. *Khetrā*. Kāngra Gloss.**Khetrpāli** : literally field-nourisher, a god. Cf. *Bhairon*. Karnāl S. R., 1872-80, p. 148.**Khetru** : a small field.**Khich** : demand. Cf. *māng*. Sirsa S. R., 1879-83, p. 189.**Khili** : a wooden bearing on which the *chādk* (wheel) of the potter rests. Cf. *taola*. Karnāl S. R., 1872-80, p. 200.**Khili** : uncultivated land, applied to land which has fallen out of cultivation. Kāngra Gloss.**Khind, khinda, khindola** : a counterpane or coverlet and mattress made of rags stuffed between. Kāngra Gloss. Cf. § 288.

- Khindāna** : sowing the seed broadcast. Cf. *phint*. Karnāl S. R., 1872-80, p. 169.
- Khinna** : to tattoo. Cf. *godna*. Karnāl S. R., 1872-80, p. 125.
- Khip** (*leptadenia spartium.*) : Rohtak. Cf. *Panjabi Dy.*, p. 599
- Khirmi** (*mimusops elengi*) : a tree. Hoshiārpur S. R., p. 14.
- Khisar** : a very poor sandy soil. Cf. *sir*. Hoshiārpur S. R., p. 70.
- Khiyān** : where ? Bauria *argot*. Ex.: *khiyān jāi ho* ? where are you going ?
- Khiyānti** : whence ? Bauria *argot*. Ex. *khiyānti dī ho* ? ' whence have you come ? '
- Khoga** : a narrow shell. Sirsa S. R., 1879-83, p. 20.
- Khoi** : the crushed cane. Karnāl S. R., 1872-80, p. 182.
- Khola** : a hollow or ravine. See *khāl*.
- Khonai** : digging, as opposed to ploughing, which is not possible in all fields. Kāngra Gloss.
- Khorāti** : a small plot of waste land, reserved as a hay-field in the rains. Opposed to *kharetar* which is a large plot. Kāngra Gloss.
- Khori** : a measure used for *ghi* = 6 *chitāks*. Simla S. R., 1883, p. 44.
- Khoro** : lame. Cf. *pāngla*. Bauria *argot*.
- Khowāra** : a place, whence earth is taken for plastering houses. Kāngra Gloss.
- Khrangrela** : a thicket of snow rhododendron. See under *bāndr*.
- Khūd** : a furrow. Karnāl S. R., 1872-80, p. 168.
- Khuddu khundī** : a game exactly the same as hockey, each side trying to drive the ball with clubs through its opponent's goal. Cf. *dājī*. Sirsa S. R., 1879-83, p. 206.
- Khumandi** : a sugar-cane (*saccharum officinarum*). Kāngra S. R., p. 25.
- Khūn** : an allotment (Rājgiri). See *bher*, p. 31.
- Khūr** : a roof = *chhāt*. Sirmūr.
- Khurchna** : a metal spatula for turning bread. Cf. *koncha* and *patta*. Karnāl S. R., 1872-80, p. 121.
- Khuriu** : (*quercus semicarpifolia*) i. q. *khareu*. P. D., p. 587. Kāngra S. R., p. 21.
- Khurnā** : to melt.
- Khurpi kā sājjī** : a sharer of the hoe ; a woman not of the family or any of the landed proprietors admitted into a *lāna*. Karnāl S. R., p. 112.
- Khurwā** : land irrigated by well. Sirsa S. R., 1879-83, p. 12.
- Khuta** : a mud receptacle for *bhās*. Karnāl S. R., 1872-80, p. 164.
- Khuti** : an iron for digging holes. Cf. *ganddla*. Hoshiārpur S. R., p. 72.
- Khutna** : to circumcise. Sirsa S. R., 1879-83, p. 171.
- Khwājiri** : a small saucer of pottery in which lamps are floated in honour of Khwājah Khizr, also used for eating from and as a cover. Cf. *hāziri*. Karnāl S. R., 1872-80, p. 122.
- Kian** : why ? Kāngra Gloss.
- Kidhron** : *adv.*, on one side, in some parts.
- Killa** : a basket like a *kilta*. Simla S. R., 1883, p. 45.
- Kilta** : a basket, carried on the back. Simla S. R., 1883, p. 45.
- Kilu** : who ?
- Kilia** : a diver. Cf. *khambi*. Karnāl S. R., 1872-80, p. 169.
- Kimu** : the mulberry tree, *moras serrata*. Simla S. R., 1883, p. 42.
- Kināra** : a variety of cane, has a rather soft fibre, which fits it for being eaten. It is of a yellowish colour with green lines. Jullundur S. R., p. 118.
- Kinnū** : (*diospyros tomentosa*) a tree. Hoshiārpur S. R., p. 12.
- Kino** : the resin which exudes from the *dhāk* tree. Karnāl S. R., p. 10.
- See under *dhāk pachā*.

- Kirat ghanṭā** : s. m., ingratitude.
- Kiri** : the basket-work lining of cotton stems put inside a cart to carry manure. Karnāl S. R., 1872-80, p. 162.
- Kirsān** : a tenant who lives in the village but not on the land. See *adheo*.
- Kitha** : where ? Bauria *argot*.
- Kitwā** : *adj. int.*, what share ? (Potwār).
- Kiyār** : when ? Bauria *argot*. Ex. : *kiyār āi ho* ? 'when did you arrive ?'
- Kleshai** : jungle-fowl (Kullū). Cf. *kolsa*.
- Kochbi** : a bag-net with a handle for catching small fish. Kāngra Gloss.
- Kodāl** : a spade. Kāngra Gloss.
- Kohal** : a granary. Kāngra.
- Kohla** : a stream irrigating land in the hills. Hoshiārpur S. R., p. 79.
- Kohli** : the canal watchman. Kāngra Gloss.
- Koki, kutki** : whither ? In Kullū, *oke, koks, toke*, here, where, there ; *okena, tokena*, thence, hence.
- Kokri** : maize. *Zea mais*. Cf. *chulī*. Kāngra S. R., p. 25.
- Kola** (? *kholdā, q. v.*) : a ravine ; *kopa* is also used by the Gaddis. Kāngra Gloss.
- Kolā** : a plot of rice land 5-10 *ghumdos* in area. Kāngra S. R. (Lyall), p. 32.
- Kolsa** : the common kallege pheasant ; also called *kleshai* in Kullū. Kāngra Gloss.
- Konāli** : a wooden plate. Sirmūr trans-Girī.
- Koncha** : a metal spatula for turning bread. Cf. *paltā* and *khurchna*. Karnāl S. R., 1872-80, p. 121.
- Konwi** : the part of the high Himalayas above the limits of forests. Kāngra Gloss.
- Kopa** (Gādī) : a ravine=*kolā*.
- Kor** : the first watering to the young crop. Karnāl S. R., 1872-80, p. 170.
- Koroh** (?) :=*kar, q. v.*
- Koss** : *adj.* lazy, slack. Kamm *koss*.
- Kotāli** : a boundary pillar, also called *dehri*. Kāngra Gloss.
- Kotān** : where ? Kāngra Gloss.
- Kotānki** : some place or other. Kāngra Gloss.
- Kotela** : a mallet ; see under *bhattan*.
- Kotha** : an interior wooden cylinder sunk below the water-level as a preventive in the well. Jullundur S. R., p. 101.
- Kothari** : a small back room. Sirmūr.
- Kothela** : a wooden club used for crushing clods. Cf. *bhukran* and *bhurota*.
- Kothi** : a large wooden box, which can hardly be moved by three or four men (made in Jubbal). Sirmūr trans-Girī.
- Kothiala** : the treasurer or storekeeper of a *kothī* appointed by a *rājā*. Kāngra S. R., p. 80.
- Koṭho** : a house. Bauria *argot*.
- Koti** : a receptacle for grain made of rings of adobe, built up into a cylinder. Karnāl S. R., 1872-80, p. 121.
- Kowāna** : to call, summon. Kāngra Gloss.
- Kowi, kōhi** : the small dove. Cf. *dhurah*.
- Kowin** : a class of *dhār* or pasture ground, lying in bare rocky ground above the line of forest (Rihlū), elsewhere called *nigḍhr*. Kāngra S. R. (Lyall), p. 41.
- Krat** (? *karat*) : the remaining half of the grain, taken by the tenant, *sat* being the first (owner's) half. Kāngra S. R. (Lyall), p. 46.

- Kuchhak**: *pron.* and *alj.*, some, any; a diminutive of *Kuchh*.
- Kūd**: a cave or hollow place under a rock. In Kullu, *rowār*. Kāngra Gloss.
- Kūdi kamini**: a ground-rent. Sirsa S. R., 1879-83, p. 409.
- Kuh siṭṭnā**: to kill.
- Kukri**: maie; syn. *makhi* and *chhali*. Simla S. R., 1883, p. 39.
- Kūkri**: the cobs of maize. Cf. *bhūta*. Karnāl S. R., 1872-80, p. 173.
- Kuktu**: a small *hugqa*. Sirmūr cis-Girī.
- Kulah**: pea; *i. q.* *matar*. Kāngra S. R., p. 24.
- Kūlan** a species of crane. Karnāl S. R., p. 6.
- Kulat** or **kolath**: *Dolichos uniflora*: horse gram. Simla S. R., 1883, p. 40.
- Kulia**: a tiny pot, made of pottery, used for offerings and in play. Karnāl S. R., 1872-80, p. 122.
- Kulia**: the fine little earthen pots put at wedding by a Brāhmaṇ in the sacred enclosure. Karnāl S. R. 1872-80, p. 131.
- Kulhār**: a granary. Keonṭhal? Kuthār.
- Kulhariya**: a small earthen urn. Sirsa S. R., 1879-83, p. 159.
- Kuller**: a saline substance, consisting chiefly of sulphate of soda. Jallundur S. R., p. 2.
- Kulli**; s. f.: a hut, house.
- Kumantr**: bad advice.
- Kulu, keltū**: the *Cedrus deodara*, *i. q.*, *kelon*, *P. D.*, p. 573. Kāngra S. R., p. 21.
- Kuluna**: a variety of coarse, hardy rice sown on dry land. Kāngra S. R., p. 26.
- Kumodh**: a good variety of rice. Kāngra S. R., p. 26.
- Kān** (Kullu): who; *kosra*, of whom; *kosbi*, to whom; *kosna*, from whom.
- Kunan**: a small stack of grass. Cf. *kundali*.
- Kūd**: a pool or deep hole in a stream backed by rocks or a steep bank; if not so backed, it would be called an *āl*.
- Kundali**: a rice stack round in shape, made of bundles; if of straw only, *phalur*; of grass, small, *kunan*. Kāngra Gloss.
- Kūdi**: buckwheat (*Cajanus bicolor*). Cf. *urhur* and *dhingra*.
- Kūndi**: a crooked iron mace used by chelas. Pangwāl.
- Kūndli**: the part below the *konwi*, in the upper forests. These two words are only used by the Rihlu shepherds; *nigāhr* and *gāhr* are the common terms.
- Kundra**: an earthen pot in which *gaugati* is boiled. Sirmūr trans-Girī.
- Kundra**: the stack in which the great millets are piled up. Karnāl S. R., 1872-80, p. 172.
- Kuneri**: a piece of clay of the shape of an inking pad. Karnāl S. R., 1872-80, p. 200.
- Kunear**: *Cassia fistula*. Kāngra S. R., p. 22.
- Kunja**: a variety of wheat with a long straw and full ear, of somewhat inferior grain. Karnāl S. R., 1872-80, p. 189.
- Kunjra**: a heap of rice straw. Karnāl S. R., 1872-80, p. 164.
- Kūp**: a circular receptacle made of wisps of straw, wound spirally round and round upon a foundation of cotton stems for preserving and packing *bhās*. Karnāl S. R., 1872-80, p. 164.
- Kupāli**: a camel ailment due to a growth on the brain which causes the animal to keep its head constantly raised in the air. Sirsa S. R., 1879-83, p. 306.
- Kupphar**: a small pool = *kaphar*.

- Kūra** : a threshing floor. Kāgra S. R., p. 30.
- Kurā** : *adj.* vexed : *kure mathe rahind.* to be vexed.
- Kurh** : a cattle-shed in the *jāngal*. Kāgra Gloss.
- Kurhal** : a shed for cattle. Kāgra S. R., p. 44.
- Kurhe-ke-bāch** : distribution of the land revenue over the fire-places (*kurhá* or *chūla*). Hissar S. R. 1875, p. 10.
- Kurchhi** : a brass ladle. Sirsa S. R., 1879-83, p. 166.
- Kūri** : a grass (*Eragrostis*). Karnāl S. R., p. 13.
- Kuri** : a bamboo hook for raking together corn on the threshing floor, &c. Kāgra Gloss.
- Kuril** : *adj.* sour, bitter (temper), *i. q.*, *karwā*.
- Kurm** : family.
- Kurmi** : related by marriage.
- Kurri** : a dung-heap. Karnāl S. R., 1872-80, p. 164.
- Kurria** : lit. he of the dunghill, the name of the next son of a mother, after she has lost one by small-pox. Karnāl S. R., 1872-80, p. 150.
- Kurumbh** : a timber tree (*Nauslea cadamba*). Kāgra S. R., p. 22.
- Kūt** : bruise. Sirsa S. R., 1879-83, p. 121.
- Kutba** : a constable or stranger. Ludhiana S. R., 1878-83, p. 150.
- Kutbār** : a granary, syn. *doharoti*. Sirmūr.
- Kutra** : a hairy red caterpillar, very destructive to the young shoots of maize, but fortunately it only appears for twelve or fourteen days in the beginning of the rains and then disappears. Hoshiarpur S. R., p. 78.
- Kyāmal**, *Odina wodier* : a tree. Cf. *kāmal*. Hoshiarpur S. R., p. 13.
- Kyut** : medlar. Kāgra S. R., p. 22.
- Lā** : a pass (Tibetan).
- Lāb** : the system of taking out the rice plants of the nursery and sticking them in the mud after the *kaddū* operation has been performed. Cf. *lāir*. Jullundur S. R., p. 124.
- Lāb** : the process of sowing rice by raising seedlings. Hoshiarpur S. R., p. 88.
- Lābhwand** : *adj.* useful, profitable.
- Lachakdār** : taste, liking.
- Lāg lūt** : a fine or compensation for eloping with an unmarried girl, in the eastern part of Churāh. Chamba.
- Lāhna** : a number of fields rented in one holding. Ludhiāna S. R., 1878-83, p. 128.
- Lāhr** : the enclosed area round the homestead. Kāgra S. R., p. 34.
- Lāhri** : a small plot of garden land, more precisely *lāhru sowāru* : *lāhri bāsi*, etc., the whole site of the house and garden ; *lahriāna*, a cess on the *lāhri*. Kāgra S. R. (Lyall.), pp. 35 and 36.
- Lāhru** : a small plot of land attached to a house, in which flowers, &c., are grown. Kāgra.
- Laichi** : a small mango fruit, that grows in clusters and said to smell like cardamum (*ilatchi*) Hoshiarpur S. R., p. 16.
- Lāir** : the system of taking out the rice plants of the nursery. Cf. *lāb*. Jullundur S. R., p. 124.
- Lāirā** : the produce of new cultivation of the year. Cf. *Moda*. Mahlog.
- Lakhola** : a plaister shelf ; see *dhari*.
- Lakolā** : an *ālā* or niche in a wall. Kāgra Gloss.
- Lāl** : a very hardy and productive wheat of good quality. Karnāl, S. R., 1872-80, p. 189.
- Lāler** : a large and sweet mango fruit, in shape like the cocoanut. Hoshiarpur S. R., p. 15.
- Lālri** : a thin, red hardy sugarcane ; opp. to *dhāula*. Rohtak.
- Lālri** : a variety of sugarcane having a hard, thin, red cane, very hardy, and will not spoil even if the cutting be long delayed ; but not very productive of juice. Karnāl S. R., 1872-80, p. 180.

Lamahāta (?), a prophet of lower grade, who passes on oracles given through a deity's inspired representative to his worshippers if many of the latter are of low caste. Oldham, *Sun and Serpent*, p. 94.

Lamni: reaping. Karnal S. R. 1872-80, p. 172.

Lan: the straw of the great millets with the ear and grain. Karnal S. R. 1872-80, p. 172.

Lānā: the combination of all the people of a village in cultivating their lands. Hissar S. R., p. 10.

Lānā: an association of households or individuals to conduct the agriculture of the whole tract. Each member contributes oxen or labour, or both, and the whole *lānā* works jointly and cultivates certain lands of which some of the members of the association have the disposal, whether as owners or tenants. Karnal S. R., p. 112.

Langāna: a stile = *charoliā*.

Lango-kārū: lit. 'crossing-tax,' a tax or due paid to the native government on account of the spring and autumn grazing. Kangra S. R. (Lyll), p. 41.

Langri: a raft made of the *beran* on the festivals of Holi and Diwāli, for setting it afloat on the tank with a lamp on it in honour of Khwāja Khizr. Karnal S. R. 1872-80, p. 148.

Langri: the placing of an offering with a lighted lamp on it on some moonlight night while the moon is still on the wax at a place where four roads meet. Cf. *nagdi*. Karnal S. R. 1872-80, p. 146.

Lāo: a strong rope made of san fibre by which the *charas* (leather bucket) is drawn up. Karnal S. R. 1872-80, p. 160.

Laphi: a porridge, made of the grain of the *bāṭha* (*Amaranthus*) roasted and ground. Simla S. R. 1883, p. 40.

Lar: a ram—see under *bhed*.

Lar bhīr: enmity.

Larnā bhīrnā: to quarrel: *latthā* past. part. irreg. (?)

Lārā: fem. i.

Lari: the striker of a well. Jullundur S. R., p. 100.

Lari: wife. *Swāni* or *voti* is used by Rājput̃s; *jo* or *jun* in Kullū; *cheori* in Plach (Sarāj).

Lārki: a kind of net for catching doves.

Larumbi: the female barber who accompanies the bride when she is to travel. Karnal S. R. 1872-80, p. 132.

Lāt: the crusher in a sugar press. Karnal S. R. 1872-80, p. 161.

(To be continued.)

MISCELLANEA.

SOME NOTES ON THE BODLEIAN SANSKRIT MANUSCRIPT CATALOGUE, VOLUME II.

THE following notes embody some of the corrigenda and addenda, which I have made in reading the second volume of the Catalogue of Sanskrit Manuscripts in the Bodleian Library. This volume was begun by Professor M. Winternitz, and completed by Mr. A. B. Keith. In many respects, it is fully worthy of the high reputation which these scholars have earned; and this excellence renders more regrettable the

defect that will be indicated in the following lines, to wit, a very inadequate knowledge of Jain *prosopographia* and of the dialect and modes of writing used by scribes, which is especially marked in the errors and omissions of the index.

Page 120, col. 2. The scribe "Leśa Rbhima-vijaya" is an impossible monster. Read in the colophon *tac-chiṣyaleśa-r.-Bhīmavijaya*, "his insignificant disciple R̥si Bhīmavijaya." The terms *ṣiṣyaleśa*, literally "scrap of a disciple," and *ṛṣi*, used for a Jain ascetic, are quite common.

Page 131, col. 1. "Sāgaramiśra" is another person who owes his existence to a misreading. The colophon gives his name correctly as Matisāgara, who is known from other sources. The words mean: "belonging to the Lecturer K., disciple of the Mahopādhyāya Matisāgara, in the Upakeśa fraternity."

Page 131, col. 2. The word *mrgendra* is not part of a name. It is to be connected with the preceding word: *gaṇi-mrgendra* means merely a noble *gaṇi* or Dean.

Page 132, col. 2. *Śrīpattana* is certainly not Patna; it means *Aṃhilvād* or *Aṃhilla-pattana* in Gujārāt.

Page 133, col. 1. The opening words of article 1140 seem to be a mistake, for, something like "Hemachandra's commentary Śabdānuśāsana-vṛtti on his own Śabdānuśāsana."

Page 166, col. I. Is there a distinct Talu character?

Page 169, col. 1. For "Voudhyeśvariprasād," read "Vindhyeśvariprasād."

Page 169, col. 2. For "Zainul Abuddn," read "Zain ul-'Ābidn."

Page 181, col. 2. "Vārāma" is another *chimera bombinans in vacuo*. The manuscript itself rightly reads *mevārāma*, a good Hindi name (for an example see Garcin de Tassy, Vol. II, p. 302); the compilers of our Catalogue apparently take *me* for *myā*, and make up an imaginary "Vārāma" from the remainder.

Page 192, col. 2. "Jaḍubharata" is a mistake. "Jaḍu" has nothing to do with *Yadu*, and could not by any possibility be a "prakritism" for the latter word. The right form is *Jaḍa-bharata*. The tale comes from the Viṣṇu-purāṇa, and is well-known in South India.

Page 208, col. 2. The work noticed in article 1346 is identical with that by Padmasāgara described in Mitra's Notices, Vol. IX., p. 81.

Page 215, col. 1. It does not seem reasonable to identify the pious Jain scribe Jagarāma with the Saiva author Jagarāma, when they come from different religious ancestries, and have only a name in common.

Page 219, col. 1. In line 10 from bottom there is a wrong division of words. Read *Meghabhāryāsa Virīti*, i.e., *Meghabhāryāśa Virīti*, "Megha's wife was named Virī." The latter name is common among Jains.

Page 219, col. 2. "Lelākhyā" is not a name, but a compound. The name is *Lela* (if the reading is right), to which is added 'ākhyā in the usual sense of 'ādāma.

Page 220, col. 1. In Kṣamākalyāṇa's pedigree, the name of his guru has been omitted at the head of the article. The Sanskrit quoted further down in the column clearly shows that the pedigree is: Jinalābha, Amṛtadharmā Vācaka, Kṣamākalyāṇa.

Page 221, col. 1. If we may judge by the index, this colophon has not been understood. The sense is as follows: The manuscript was written at Azimganj on the banks of the Ganges, by a "Yatīsa" whose name is not clear (perhaps Jita-sobhāgji), by the grace of the blessed Cintāmaṇi; the Yati Sundaravijaya appended his sign manual to attest that it was a true copy.

"Cintāmaṇi" here and in Weber, *loc. cit.*, is the Tirthaṅkara Pārśvanātha, not a patron, as the compilers imagine; cf. p. 228, col. 1, and p. 237, col. 1.

Page 222, col. 2. Is not "Gunaḥprabha" an error for "Gunaḥbadra?"

Page 223, col. 1. The authorship of this commentary is doubtful; Mitra, Notices, VIII, p. 174, is not by any means "decisive for Ratnaśekhara's authorship." The compilers omit to mention that Mitra, Notices X, p. 151, describes a manuscript of the *avacāri* with a colophon ending with the words *lilekha Tilakodayaḥ*; and it seems to me very likely that Tilakodaya (Udaya-tilaka?) was not only the scribe, but also the compiler of the gloss, as so often happened in the making of *avacāris*.

Page 226, col. 1. I do not understand the interrogation in line 23 from the top. All that is wrong is a misplaced *anuvāra*; read *Yatīndra-vara-Śhajakīrttayaḥ*.

The colophon of this article 1333 seems to have been quite misunderstood. It means apparently that Sahajakīrtti had two "brothers," Śrivaradhana and Vararatna, whose disciples were Namaranga and Kanakaraṅga. The latter's disciple, Dānaviśīl, was guru of Kṣamākamaḥ, Vidyāsoma, Gaṇeśa, and Lacchirāma, for whom the manuscript was written.

Page 227, col. 2. "Śrītajayapamhutastotra" is obviously a mistake for the well-known *Tajayapamhutastotra*, commonly ascribed to Abhayadeva.

Page 223, col. 1, sect. 11. The *darsana* here mentioned has nothing to do with the portraits in the preceding pages of the manuscript. It means a visit to a temple and adoration of the idols.

Page 228, col. 2. There seems no reason for classing the *Jīcarapamāhātmya* of Harirāya

among Jain works. It appears to be a purely Vaiṣṇava book.

Page 237, col. 1. For "Khaṃḍe Lavāl°" read "Khaṃḍelavāl°." The family is well known.

The names "Holāde," "Pātamade," etc., given in the index, are incorrect; the letters *de* stand for *devī*.

One would hardly think it necessary to point out that *Hariṣūjogya* means "intended for the use of Hariṣā," if the index did not present us with the interesting entry "*Hariṣūjogya*, recipient of manuscripts from Pātamade."

Page 241, col. 2. The colophon means that Pūjā and his wife Pūjalā-devī had a son Mānasimha, whose wife Devakī, a pious laywoman (*Śrāvikā*), made a present of this book. The compilers have failed to see that *d* is an abbreviation for *devī*, and that *dharma-patnī* means 'lawful wife,' and they have hence created the imaginary "Pūjalāde," "Pūmjā-dharma," etc.

Page 244, col. 2. For "Allauddin" read "Alā-nd-Din."

Page 245, cols. 1-2. Among the manuscripts of the *Samyaktva-kaumudī* mentioned, that described by Mitra, Notices, VIII, p. 231, has apparently been overlooked.

Page 296, col. 1. In article 1543, read "Vastupāla."

Page 297, col. 1. In article 1543, the mysterious *gānyānavijayena* is perhaps an abbreviated way of writing *gaṇinā Jñānavijayena*, in popular spelling.

Page 304, col. 2. The colophon of article 1568 seems to mean that the manuscript was copied by Gangādās for the use of Māidās.

Page 318, col. 1. If this colophon is correctly reported, it seems to mean that the scribe's name was Keśo, and that he worked for the service of "Kanakamṛgarāja" (*i.e.* probably Kanakasimha).

L. D. BARNETT.

CORRESPONDENCE.

DEAR SIR,—ON p. 261, *ante*, in connection with Professor Pathak's Note on Vāmana's *Kāvya-lāṅkāra-sūtravṛtti* on p. 170 of the same Journal, Dr. Hoernle says incidentally that Mahāmādhvā-dhyāya Haraprasāda Shastri's reading of *Subandhu* seems to be a mere conjecture, not supported by any manuscript evidence. I venture to think that there is enough manuscript evidence in support of M. M. Haraprasāda Shastri's reading. One of the manuscripts used for the *Kāvya-mālā* edition of Vāmana's work (see p. 32) has the reading—*kṛita-dhīyām-ity-asya cha Subandhu-sāchivyoṣa-lakṣhēpa-paratvāt*. A palm-leaf manuscript, written in Grantha characters, found in the Madras Oriental Manuscripts Library, reads thus:—*kṛita-dhīyām-ity-asya Subandhu° &c.* It may also be mentioned here that the above Library contains four more manuscripts of the same work, two on palm leaves and two on paper, written in Grantha, Telugu and Nāgarī characters, in all of which, curiously enough, a different reading, namely, *kṛita-dhīyām-ity-asya budha° &c.*, is given. One of them has likewise the reading *chaṇḍa-prabhāva* in place of *chandra-prakāśa* of the other manuscripts. It will thus be seen that in none of the manuscripts of this Library is found the reading *Vasubandhu*. The reading *budha*, unless

it can be taken for the name of a person, which is very doubtful, is not satisfactory, since there can be no *upakṣhēpa* or allusion here.

The case is, however, different with the reading *Subandhu*. In the well-known 10th verse of the introduction to his *Viśavadattā*, Subandhu mourns the death of Vikramāditya, *i.e.*, Chandragupta II, who was apparently his patron. And there is nothing unreasonable in supposing that he became the minister of Chandragupta's son Kumāragupta. But it may be urged against this supposition that Subandhu, who mentions Udyōtakara and, according to some manuscripts, Dharmakīrti's work, could not have been a contemporary of Kumāragupta (A.D. 413-455). This argument will no doubt carry much weight if the dates that have been assigned to those authors by some scholars can be accepted as finally settled. Such, however, does not appear to be the case. It is just possible that the half-verse given by Vāmana is a quotation from the introductory portion of some drama, giving the *Sūtradhāra*'s words. The reading *chaṇḍa-prabhāva* is noteworthy in view of the controversy about the term *chandra-prakāśa*.

R. NARASIMHACHAR.

**PRESIDENT'S
SECRETARIAT
LIBRARY**